IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Big Ideas Learning**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Big Ideas Math Green: A Common Core Curriculum**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **978-1-60840-449-0**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Math**	**Author(s): (this must match Submission/Bid Form & Sample)** **Ron Larson and Laurie Boswell**	**Grade Level: (this must match Submission/Bid Form & Sample)** **6**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 6**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**What You Learned Before** **Essential Questions** **What Is Your Answer?** **Meaning of the Word** **Key Vocabulary** **Key Ideas** **Now You're Ready** **On Your Own** **Check It Out** **Vocabulary and Concept Check** **Practice and Problem Solving** **Error Analysis** **Taking Math Deeper** **Fair Game Review** **Study Help – Graphic Organizers** **Cartoons** **Standards Assessment** **Laurie's Notes in the Teaching Edition**

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**Basal Text**

Best Practices in Program Design:	Big Ideas Math Green: A Common Core Curriculum supports the comprehensive teaching of the 6th grade mathematics course by developing students' conceptual understanding of key mathematical concepts; giving attention throughout the year to individual standards that set an expectation of fluency; by allowing teachers and students to spend sufficient time working with engaging applications; and by meaningfully connecting the content standards and the Standards for Mathematical Practice. Big Ideas Math Green: A Common Core Curriculum was systematically developed using learning and instructional theory to ensure the quality of instruction. Students gain a deeper understanding of math concepts by narrowing their focus to fewer topics at each grade level and by providing instruction targeted toward readiness for higher mathematics at the middle school level. After the successful completion of the text, students will be ready for seventh grade mathematics. Big Ideas Math Green: A Common Core Curriculum develops rigor by blending conceptual understanding; procedural skill and fluency; and applications. This rigor is developed through a balanced approach of instruction and delivers a unique and revolutionary curriculum providing a balanced instructional approach of discovery and direct instruction. This research based approach opens doors to abstract thought, reasoning, and inquiry as students persevere to answer the Essential Questions that drive instruction. All students are able to master content through inductive reasoning opportunities, engaging activities that provide deeper understanding, concise stepped-out examples, rich thought-provoking exercises, and a continual building on what has been previously taught. Clear stepped-out examples, including more explicit explanations with ample and different opportunities for review and practice for students who are below grade level, complete the lesson and provide students with the precise language and structure necessary to build mathematical understanding and proficiency. The exercise sets support the emphasis (from the standards) on Mathematical Reasoning by prompting students to explain their reasoning, critique the reasoning of others, engage in problem solving, attending to the specialized language of mathematics and by helping English learners access challenging mathematics. Robust real-life applications in the lessons and exercise sets provide students the opportunity to use the practices and to develop an appreciation for mathematics as it applies to their lives. The unique Teaching Edition provides wide-ranging, effective and efficient instruction that includes: clear, grade-appropriate explanations of mathematics concepts, support for the Mathematical Practices, alternative pathways, working with misconceptions, suggestions for remediation, suggestions for reinforcing and enriching the curriculum, and researched based instructional strategies. These strategies include motivation ideas, common errors, think-pair-share, neighbor check, graphic organizers and other opportunities for formative assessment. Differentiation strategies that describe specific ways to address the needs of all students with suggestions for reinforcing the curriculum are also included. Strong support comes from master teacher, Laurie Boswell in the form of Laurie's Notes. These notes provide side by side support for every page in the student text. The ancillary package for Big Ideas Math Green: A Common Core Curriculum includes both print and technology

	components that are user friendly and support the teaching of the Common Core State Standards to all students through a blend of multi- media presentations.

Main Components & Ancillary Items Needed for Implementation:	Big Ideas Math Student Edition Big Ideas Math Teaching Edition Big Ideas Math Record and Practice Journal Big Ideas Math Assessment Book Big Ideas Math Resources by Chapter Book Big Ideas Math Basic Skills and Skills Review Handbook Big Ideas Math Dynamic Student Resources Online Big Ideas Math Dynamic Teaching Resources Online Big Ideas Math Dynamic Teaching Resources DVD Big Ideas Math Dynamic Assessment Resources DVD Big Ideas Math Dynamic Student Edition DVD
Professional Development /Training Required?	[ ] **YES** [X]
If applicable, explain in-service training, required, number of hours and fees associated with service: A comprehensive implementation and services plan may be developed in partnership between Big Ideas Learning and individual school districts. The number of available days/hours is based on the final purchase. Please contact your Houghton Mifflin Harcourt sales representative or account executive to schedule training with a Big Ideas Math consultant.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Big Ideas Math program is a web-based, client/server application hosted by the publisher.
Cross Platform Functionality:	Big Ideas Math program operates on Windows, Linux/Unix, and Mac OSX and all modern browsers. Big Ideas Math supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both “pull” (credentials-based) and “push” (SFTP) syncing.
Plugins Needed: (Flash, Shockwave)	Adobe Reader is recommended to ensure that PDF files are properly displayed and all the functionality of the PDF is available. Adobe Flash may be required if the browser being used does not support HTML5 Video or it does not support HTML5 Audio with MP3 format. Microsoft Word is required for some editable ancillaries. Microsoft Excel is required for some editable ancillaries.
Screen Resolution:	The website is accessible through any modern web browser and the assessment tool is web-based and is best viewed at a screen resolution of 1024x768.
Connectivity Speed Requirement:	This is very subjective based on the differing content that may be accessed through the Big Ideas Math program. On average, a student session lasts about 10 minutes and uses about 6MB of bandwidth.
Mobile Device Capability:	Big Ideas Math provides native apps for its eBook reader. The website is accessible through any modern web browser and the assessment tool is web-based responsive to any screen size. The website supports iOS 7+ and Android 4.0+. The e-book app supports devices of 10” and larger.
Licensing Model(s): (Subscription, 1 yr., etc.)	Digital licenses are per student and per teacher according to the purchase agreement. The district will receive digital licenses for their entire purchase all at once, divided according to grade level. There are no fees associated with the use of this material. Licenses can be revoked and reused.
Updating Process: (How often, auto updates, etc.)	Since the majority of the program is web browser based, updates are made on a continuing basis and there is little impact to the end user. For our mobile apps, updates are made on an as needed basis usually to correct for changes in device operating systems, to improve performance, or to leverage new device features. Mobile app updates are handled through their respective app-stores.

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Tools & Features:	1. Web Based: a) Big Ideas Math program is compatible with all operating systems and modern web browsers. It supports proxy server connections. b) Big Ideas Math provides its content in Common Cartridge format. c) Software is hosted by Big Ideas Learning and teacher resources can be downloaded without additional cost. 2. Account Creation: a) The district will receive an administrative login to the Big Ideas Math student management system. Using the publisher provided link to this system, the district will be able to create customized usernames and passwords for both teachers and students. This is most often the responsibility of the district IT personnel. It is the responsibility of the school district to distribute this information to students and teachers. b) Teacher accounts can only be added by the administrator of the student management account. Teachers or administrators can manage student accounts. Accounts can be added individually or uploaded with a CSV file. c) Big Ideas Math also supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing. 3. Security: a) Many of the resources, such as PDF copies of the Teaching Edition textbooks and ancillaries, are not accessible without being logged into the website as a teacher or student. 4. Tech Support: a) Big Ideas Math provides video walkthroughs and electronic documentation for the online program components. **b)** Big Ideas Math Tech Support is available Monday – Friday 8:00am-5:00pm EST by contacting bil_support@larsontexts.com or https://www.bigideasmath.com/support.

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Publishing Company Name: (this must match Submission/Bid Form & Sample) **Big Ideas Learning**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Big Ideas Math Red: A Common Core Curriculum**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **978-1-60840-450-6**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Math**	**Author(s): (this must match Submission/Bid Form & Sample)** **Ron Larson and Laurie Boswell**	**Grade Level: (this must match Submission/Bid Form & Sample)** **7**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 7**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**What You Learned Before** **Essential Questions** **What Is Your Answer?** **Meaning of the Word** **Key Vocabulary** **Key Ideas** **Now You're Ready** **On Your Own** **Check It Out** **Vocabulary and Concept Check** **Practice and Problem Solving** **Error Analysis** **Taking Math Deeper** **Fair Game Review** **Study Help – Graphic Organizers** **Cartoons** **Standards Assessment** **Laurie's Notes in the Teaching Edition**

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**Basal Text**

Best Practices in Program Design:	Big Ideas Math Red: A Common Core Curriculum supports the comprehensive teaching of the 6th grade mathematics course by developing students' conceptual understanding of key mathematical concepts; giving attention throughout the year to individual standards that set an expectation of fluency; by allowing teachers and students to spend sufficient time working with engaging applications; and by meaningfully connecting the content standards and the Standards for Mathematical Practice. Big Ideas Math Red: A Common Core Curriculum was systematically developed using learning and instructional theory to ensure the quality of instruction. Students gain a deeper understanding of math concepts by narrowing their focus to fewer topics at each grade level and by providing instruction targeted toward readiness for higher mathematics at the middle school level. After the successful completion of the text, students will be ready for seventh grade mathematics. Big Ideas Math Red: A Common Core Curriculum develops rigor by blending conceptual understanding; procedural skill and fluency; and applications. This rigor is developed through a balanced approach of instruction and delivers a unique and revolutionary curriculum providing a balanced instructional approach of discovery and direct instruction. This research based approach opens doors to abstract thought, reasoning, and inquiry as students persevere to answer the Essential Questions that drive instruction. All students are able to master content through inductive reasoning opportunities, engaging activities that provide deeper understanding, concise stepped-out examples, rich thought-provoking exercises, and a continual building on what has been previously taught. Clear stepped-out examples, including more explicit explanations with ample and different opportunities for review and practice for students who are below grade level, complete the lesson and provide students with the precise language and structure necessary to build mathematical understanding and proficiency. The exercise sets support the emphasis (from the standards) on Mathematical Reasoning by prompting students to explain their reasoning, critique the reasoning of others, engage in problem solving, attending to the specialized language of mathematics and by helping English learners access challenging mathematics. Robust real-life applications in the lessons and exercise sets provide students the opportunity to use the practices and to develop an appreciation for mathematics as it applies to their lives. The unique Teaching Edition provides wide-ranging, effective and efficient instruction that includes: clear, grade-appropriate explanations of mathematics concepts, support for the Mathematical Practices, alternative pathways,

	working with misconceptions, suggestions for remediation, suggestions for reinforcing and enriching the curriculum, and researched based instructional strategies. These strategies include motivation ideas, common errors, think-pair-share, neighbor check, graphic organizers and other opportunities for formative assessment. Differentiation strategies that describe specific ways to address the needs of all students with suggestions for reinforcing the curriculum are also included. Strong support comes from master teacher, Laurie Boswell in the form of Laurie's Notes. These notes provide side by side support for every page in the student text. The ancillary package for Big Ideas Math Red: A Common Core Curriculum includes both print and technology components that are user friendly and support the teaching of the Common Core State Standards to all students through a blend of multi- media presentations.

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Professional Development /Training Required?	☐ **YES** ☒
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Connectivity Speed Requirement:	This is very subjective based on the differing content that may be accessed through the Big Ideas Math program. On average, a student session lasts about 10 minutes and uses about 6MB of bandwidth.
Mobile Device Capability:	Big Ideas Math provides native apps for its eBook reader. The website is accessible through any modern web browser and the assessment tool is web-based responsive to any screen size. The website supports iOS 7+ and Android 4.0+. The e-book app supports devices of 10" and larger.
Licensing Model(s): (Subscription, 1 yr., etc.)	Digital licenses are per student and per teacher according to the purchase agreement. The district will receive digital licenses for their entire purchase all at once, divided according to grade level. There are no fees associated with the use of this material. Licenses can be revoked and reused.
Updating Process: (How often, auto updates, etc.)	Since the majority of the program is web browser based, updates are made on a continuing basis and there is little impact to the end user. For our mobile apps, updates are made on an as needed basis usually to correct for changes in device operating systems, to improve performance, or to leverage new device features. Mobile app updates are handled through their respective app-stores.

Tools & Features:	5. Web Based: d) Big Ideas Math program is compatible with all operating systems and modern web browsers. It supports proxy server connections. e) Big Ideas Math provides its content in Common Cartridge format. f) Software is hosted by Big Ideas Learning and teacher resources can be downloaded without additional cost. 6. Account Creation: d) The district will receive an administrative login to the Big Ideas Math student management system. Using the publisher provided link to this system, the district will be able to create customized usernames and passwords for both teachers and students. This is most often the responsibility of the district IT personnel. It is the responsibility of the school district to distribute this information to students and teachers. e) Teacher accounts can only be added by the administrator of the student management account. Teachers or administrators can manage student accounts. Accounts can be added individually or uploaded with a CSV file. f) Big Ideas Math also supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing. 7. Security: b) Many of the resources, such as PDF copies of the Teaching Edition textbooks and ancillaries, are not accessible without being logged into the website as a teacher or student. 8. Tech Support: c) Big Ideas Math provides video walkthroughs and electronic documentation for the online program components. **d)** Big Ideas Math Tech Support is available Monday – Friday 8:00am-5:00pm EST by contacting bil_support@larsontexts.com or https://www.bigideasmath.com/support.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Big Ideas Learning**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Big Ideas Math Blue: A Common Core Curriculum**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **978-1-60840-451-3**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Math**	**Author(s): (this must match Submission/Bid Form & Sample)** **Ron Larson and Laurie Boswell**	**Grade Level: (this must match Submission/Bid Form & Sample)** **8**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 8**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**What You Learned Before** **Essential Questions** **What Is Your Answer?** **Meaning of the Word** **Key Vocabulary** **Key Ideas** **Now You're Ready** **On Your Own** **Check It Out** **Vocabulary and Concept Check** **Practice and Problem Solving** **Error Analysis** **Taking Math Deeper** **Fair Game Review** **Study Help – Graphic Organizers** **Cartoons** **Standards Assessment** **Laurie's Notes in the Teaching Edition**

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**Basal Text**

Best Practices in Program Design:	Big Ideas Math Blue: A Common Core Curriculum supports the comprehensive teaching of the 6th grade mathematics course by developing students' conceptual understanding of key mathematical concepts; giving attention throughout the year to individual standards that set an expectation of fluency; by allowing teachers and students to spend sufficient time working with engaging applications; and by meaningfully connecting the content standards and the Standards for Mathematical Practice. Big Ideas Math Blue: A Common Core Curriculum was systematically developed using learning and instructional theory to ensure the quality of instruction. Students gain a deeper understanding of math concepts by narrowing their focus to fewer topics at each grade level and by providing instruction targeted toward readiness for higher mathematics at the middle school level. After the successful completion of the text, students will be ready for seventh grade mathematics. Big Ideas Math Blue: A Common Core Curriculum develops rigor by blending conceptual understanding; procedural skill and fluency; and applications. This rigor is developed through a balanced approach of instruction and delivers a unique and revolutionary curriculum providing a balanced instructional approach of discovery and direct instruction. This research based approach opens doors to abstract thought, reasoning, and inquiry as students persevere to answer the Essential Questions that drive instruction. All students are able to master content through inductive reasoning opportunities, engaging activities that provide deeper understanding, concise stepped-out examples, rich thought-provoking exercises, and a continual building on what has been previously taught. Clear stepped-out examples, including more explicit explanations with ample and different opportunities for review and practice for students who are below grade level, complete the lesson and provide students with the precise language and structure necessary to build mathematical understanding and proficiency. The exercise sets support the emphasis (from the standards) on Mathematical Reasoning by prompting students to explain their reasoning, critique the reasoning of others, engage in problem solving, attending to the specialized language of mathematics and by helping English learners access challenging mathematics. Robust real-life applications in the lessons and exercise sets provide students the opportunity to use the practices and to develop an appreciation for mathematics as it applies to their lives. The unique Teaching Edition provides wide-ranging, effective and efficient instruction that includes: clear, grade-appropriate explanations of mathematics concepts, support for the Mathematical Practices, alternative pathways, working with misconceptions, suggestions for remediation, suggestions for reinforcing and enriching the curriculum, and researched based instructional strategies. These strategies include motivation ideas, common errors, think-pair-

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Professional Development /Training Required?	☐ **YES** ☒
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Connectivity Speed Requirement:	This is very subjective based on the differing content that may be accessed through the Big Ideas Math program. On average, a student session lasts about 10 minutes and uses about 6MB of bandwidth.
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Updating Process: (How often, auto updates, etc.)	Since the majority of the program is web browser based, updates are made on a continuing basis and there is little impact to the end user. For our mobile apps, updates are made on an as needed basis usually to correct for changes in device operating systems, to improve performance, or to leverage new device features. Mobile app updates are handled through their respective app-stores.

Tools & Features:	9. Web Based: g) Big Ideas Math program is compatible with all operating systems and modern web browsers. It supports proxy server connections. h) Big Ideas Math provides its content in Common Cartridge format. i) Software is hosted by Big Ideas Learning and teacher resources can be downloaded without additional cost. 10. Account Creation: g) The district will receive an administrative login to the Big Ideas Math student management system. Using the publisher provided link to this system, the district will be able to create customized usernames and passwords for both teachers and students. This is most often the responsibility of the district IT personnel. It is the responsibility of the school district to distribute this information to students and teachers. h) Teacher accounts can only be added by the administrator of the student management account. Teachers or administrators can manage student accounts. Accounts can be added individually or uploaded with a CSV file. i) Big Ideas Math also supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing. 11. Security: c) Many of the resources, such as PDF copies of the Teaching Edition textbooks and ancillaries, are not accessible without being logged into the website as a teacher or student. 12. Tech Support: e) Big Ideas Math provides video walkthroughs and electronic documentation for the online program components. **f)** Big Ideas Math Tech Support is available Monday – Friday 8:00am-5:00pm EST by contacting bil_support@larsontexts.com or https://www.bigideasmath.com/support.

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Publishing Company Name: (this must match Submission/Bid Form & Sample) **Big Ideas Learning**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Big Ideas Math Red Accelerated: A Common Core Curriculum**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **978-1-60840-505-3**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Math**	**Author(s): (this must match Submission/Bid Form & Sample)** **Ron Larson and Laurie Boswell**	**Grade Level: (this must match Submission/Bid Form & Sample)** **7**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 7**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**What You Learned Before** **Essential Questions** **What Is Your Answer** **Meaning of the Word** **Key Vocabulary** **Key Ideas** **Now You're Ready** **On Your Own** **Check It Out** **Vocabulary and Concept Check** **Practice and Problem Solving** **Error Analysis** **Taking Math Deeper** **Fair Game Review** **Study Help – Graphic Organizers** **Cartoons** **Standards Assessment** **Laurie's Notes in the Teaching Edition**

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**Basal Text**

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	The unique Teaching Edition provides wide-ranging, effective and efficient instruction that includes: clear, grade-appropriate explanations of mathematics concepts, support for the Mathematical Practices, alternative pathways, working with misconceptions, suggestions for remediation, suggestions for reinforcing and enriching the curriculum, and researched based instructional strategies. These strategies include motivation ideas, common errors, think-pair-share, neighbor check, graphic organizers and other opportunities for formative assessment. Differentiation strategies that describe specific ways to address the needs of all students with suggestions for reinforcing the curriculum are also included. Strong support comes from master teacher, Laurie Boswell in the form of Laurie's Notes. These notes provide side by side support for every page in the student text. The ancillary package for Big Ideas Math Red Accelerated: A Common Core Curriculum includes both print and technology components that are user friendly and support the teaching of the Common Core State Standards to all students through a blend of multi- media presentations.

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Professional Development /Training Required?	[ ] **YES** [X]
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Screen Resolution:	The website is accessible through any modern web browser and the assessment tool is web-based and is best viewed at a screen resolution of 1024x768.
Connectivity Speed Requirement:	This is very subjective based on the differing content that may be accessed through the Big Ideas Math program. On average, a student session lasts about 10 minutes and uses about 6MB of bandwidth.
Mobile Device Capability:	Big Ideas Math provides native apps for its eBook reader. The website is accessible through any modern web browser and the assessment tool is web-based responsive to any screen size. The website supports iOS 7+ and Android 4.0+. The e-book app supports devices of 10" and larger.
Licensing Model(s): (Subscription, 1 yr., etc.)	Digital licenses are per student and per teacher according to the purchase agreement. The district will receive digital licenses for their entire purchase all at once, divided according to grade level. There are no fees associated with the use of this material. Licenses can be revoked and reused.
Updating Process: (How often, auto updates, etc.)	Since the majority of the program is web browser based, updates are made on a continuing basis and there is little impact to the end user. For our mobile apps, updates are made on an as needed basis usually to correct for changes in device operating systems, to improve performance, or to leverage new device features. Mobile app updates are handled through their respective app-stores.

Tools & Features:	13. Web Based: j) Big Ideas Math program is compatible with all operating systems and modern web browsers. It supports proxy server connections. k) Big Ideas Math provides its content in Common Cartridge format. l) Software is hosted by Big Ideas Learning and teacher resources can be downloaded without additional cost. 14. Account Creation: j) The district will receive an administrative login to the Big Ideas Math student management system. Using the publisher provided link to this system, the district will be able to create customized usernames and passwords for both teachers and students. This is most often the responsibility of the district IT personnel. It is the responsibility of the school district to distribute this information to students and teachers. k) Teacher accounts can only be added by the administrator of the student management account. Teachers or administrators can manage student accounts. Accounts can be added individually or uploaded with a CSV file. l) Big Ideas Math also supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing. 15. Security: d) Many of the resources, such as PDF copies of the Teaching Edition textbooks and ancillaries, are not accessible without being logged into the website as a teacher or student. 16. Tech Support: g) Big Ideas Math provides video walkthroughs and electronic documentation for the online program components. **h)** Big Ideas Math Tech Support is available Monday – Friday 8:00am-5:00pm EST by contacting bil_support@larsontexts.com or https://www.bigideasmath.com/support.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Big Ideas Learning**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Big Ideas Math Algebra 1: A Common Core Curriculum**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **978-1-60840-452-0**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Math**	**Author(s): (this must match Submission/Bid Form & Sample)** **Ron Larson and Laurie Boswell**	**Grade Level: (this must match Submission/Bid Form & Sample)** **8**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 8**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**What You Learned Before** **Essential Questions** **What Is Your Answer?** **Meaning of the Word** **Key Vocabulary** **Key Ideas** **Now You're Ready** **On Your Own** **Check It Out** **Vocabulary and Concept Check** **Practice and Problem Solving** **Error Analysis** **Taking Math Deeper** **Fair Game Review** **Study Help – Graphic Organizers** **Cartoons** **Standards Assessment** **Laurie's Notes in the Teaching Edition**

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**Basal Text**

Best Practices in Program Design:	Big Ideas Math Algebra 1: A Common Core Curriculum supports the comprehensive teaching of the 6th grade mathematics course by developing students' conceptual understanding of key mathematical concepts; giving attention throughout the year to individual standards that set an expectation of fluency; by allowing teachers and students to spend sufficient time working with engaging applications; and by meaningfully connecting the content standards and the Standards for Mathematical Practice. Big Ideas Math Algebra 1: A Common Core Curriculum was systematically developed using learning and instructional theory to ensure the quality of instruction. Students gain a deeper understanding of math concepts by narrowing their focus to fewer topics at each grade level and by providing instruction targeted toward readiness for higher mathematics at the middle school level. After the successful completion of the text, students will be ready for seventh grade mathematics. Big Ideas Math Algebra 1: A Common Core Curriculum develops rigor by blending conceptual understanding; procedural skill and fluency; and applications. This rigor is developed through a balanced approach of instruction and delivers a unique and revolutionary curriculum providing a balanced instructional approach of discovery and direct instruction. This research based approach opens doors to abstract thought, reasoning, and inquiry as students persevere to answer the Essential Questions that drive instruction. All students are able to master content through inductive reasoning opportunities, engaging activities that provide deeper understanding, concise stepped-out examples, rich thought-provoking exercises, and a continual building on what has been previously taught. Clear stepped-out examples, including more explicit explanations with ample and different opportunities for review and practice for students who are below grade level, complete the lesson and provide students with the precise language and structure necessary to build mathematical understanding and proficiency. The exercise sets support the emphasis (from the standards) on Mathematical Reasoning by prompting students to explain their reasoning, critique the reasoning of others, engage in problem solving, attending to the specialized language of mathematics and by helping English learners access challenging mathematics. Robust real-life applications in the lessons and exercise sets provide students the opportunity to use the practices and to develop an appreciation for mathematics as it applies to their lives.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

	The unique Teaching Edition provides wide-ranging, effective and efficient instruction that includes: clear, grade-appropriate explanations of mathematics concepts, support for the Mathematical Practices, alternative pathways, working with misconceptions, suggestions for remediation, suggestions for reinforcing and enriching the curriculum, and researched based instructional strategies. These strategies include motivation ideas, common errors, think-pair-share, neighbor check, graphic organizers and other opportunities for formative assessment. Differentiation strategies that describe specific ways to address the needs of all students with suggestions for reinforcing the curriculum are also included. Strong support comes from master teacher, Laurie Boswell in the form of Laurie's Notes. These notes provide side by side support for every page in the student text. The ancillary package for Big Ideas Math Algebra 1: A Common Core Curriculum includes both print and technology components that are user friendly and support the teaching of the Common Core State Standards to all students through a blend of multi- media presentations.

Main Components & Ancillary Items Needed for Implementation:	Big Ideas Math Student Edition Big Ideas Math Teaching Edition Big Ideas Math Record and Practice Journal Big Ideas Math Assessment Book Big Ideas Math Resources by Chapter Book Big Ideas Math Basic Skills and Skills Review Handbook Big Ideas Math Dynamic Student Resources Online Big Ideas Math Dynamic Teaching Resources Online Big Ideas Math Dynamic Teaching Resources DVD Big Ideas Math Dynamic Assessment Resources DVD Big Ideas Math Dynamic Student Edition DVD
Professional Development /Training Required?	☐ **YES** ☒ X
If applicable, explain in-service training, required, number of hours and fees associated with service: A comprehensive implementation and services plan may be developed in partnership between Big Ideas Learning and individual school districts. The number of available days/hours is based on the final purchase. Please contact your Houghton Mifflin Harcourt sales representative or account executive to schedule training with a Big Ideas Math consultant.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Big Ideas Math program is a web-based, client/server application hosted by the publisher.
Cross Platform Functionality:	Big Ideas Math program operates on Windows, Linux/Unix, and Mac OSX and all modern browsers. Big Ideas Math supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing.
Plugins Needed: (Flash, Shockwave)	Adobe Reader is recommended to ensure that PDF files are properly displayed and all the functionality of the PDF is available. Adobe Flash may be required if the browser being used does not support HTML5 Video or it does not support HTML5 Audio with MP3 format. Microsoft Word is required for some editable ancillaries. Microsoft Excel is required for some editable ancillaries.
Screen Resolution:	The website is accessible through any modern web browser and the assessment tool is web-based and is best viewed at a screen resolution of 1024x768.
Connectivity Speed Requirement:	This is very subjective based on the differing content that may be accessed through the Big Ideas Math program. On average, a student session lasts about 10 minutes and uses about 6MB of bandwidth.
Mobile Device Capability:	Big Ideas Math provides native apps for its eBook reader. The website is accessible through any modern web browser and the assessment tool is web-based responsive to any screen size. The website supports iOS 7+ and Android 4.0+. The e-book app supports devices of 10" and larger.
Licensing Model(s): (Subscription, 1 yr., etc.)	Digital licenses are per student and per teacher according to the purchase agreement. The district will receive digital licenses for their entire purchase all at once, divided according to grade level. There are no fees associated with the use of this material. Licenses can be revoked and reused.
Updating Process: (How often, auto updates, etc.)	Since the majority of the program is web browser based, updates are made on a continuing basis and there is little impact to the end user. For our mobile apps, updates are made on an as needed basis usually to correct for changes in device operating systems, to improve performance, or to leverage new device features. Mobile app updates are handled through their respective app-stores.

Tools & Features:	17. Web Based: m) Big Ideas Math program is compatible with all operating systems and modern web browsers. It supports proxy server connections. n) Big Ideas Math provides its content in Common Cartridge format. o) Software is hosted by Big Ideas Learning and teacher resources can be downloaded without additional cost. 18. Account Creation: m) The district will receive an administrative login to the Big Ideas Math student management system. Using the publisher provided link to this system, the district will be able to create customized usernames and passwords for both teachers and students. This is most often the responsibility of the district IT personnel. It is the responsibility of the school district to distribute this information to students and teachers. n) Teacher accounts can only be added by the administrator of the student management account. Teachers or administrators can manage student accounts. Accounts can be added individually or uploaded with a CSV file. o) Big Ideas Math also supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing. 19. Security: e) Many of the resources, such as PDF copies of the Teaching Edition textbooks and ancillaries, are not accessible without being logged into the website as a teacher or student. 20. Tech Support: i) Big Ideas Math provides video walkthroughs and electronic documentation for the online program components. **j)** Big Ideas Math Tech Support is available Monday – Friday 8:00am-5:00pm EST by contacting bil_support@larsontexts.com or https://www.bigideasmath.com/support.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Big Ideas Learning**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Big Ideas Math Advanced 1: A Common Core Curriculum**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **978-1-60840-526-8**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Math**	**Author(s): (this must match Submission/Bid Form & Sample)** **Ron Larson and Laurie Boswell**	**Grade Level: (this must match Submission/Bid Form & Sample)** **6**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 6**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**What You Learned Before** **Essential Questions** **What Is Your Answer** **Meaning of the Word** **Key Vocabulary** **Key Ideas** **Now You're Ready** **On Your Own** **Check It Out** **Vocabulary and Concept Check** **Practice and Problem Solving** **Error Analysis** **Taking Math Deeper** **Fair Game Review** **Study Help – Graphic Organizers** **Cartoons** **Standards Assessment** **Laurie's Notes in the Teaching Edition**

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**Basal Text**

Best Practices in Program Design:	Big Ideas Math Advanced 1: A Common Core Curriculum supports the comprehensive teaching of the 6th grade mathematics course by developing students' conceptual understanding of key mathematical concepts; giving attention throughout the year to individual standards that set an expectation of fluency; by allowing teachers and students to spend sufficient time working with engaging applications; and by meaningfully connecting the content standards and the Standards for Mathematical Practice. Big Ideas Math Advanced 1: A Common Core Curriculum was systematically developed using learning and instructional theory to ensure the quality of instruction. Students gain a deeper understanding of math concepts by narrowing their focus to fewer topics at each grade level and by providing instruction targeted toward readiness for higher mathematics at the middle school level. After the successful completion of the text, students will be ready for seventh grade mathematics. Big Ideas Math Advanced 1: A Common Core Curriculum develops rigor by blending conceptual understanding; procedural skill and fluency; and applications. This rigor is developed through a balanced approach of instruction and delivers a unique and revolutionary curriculum providing a balanced instructional approach of discovery and direct instruction. This research based approach opens doors to abstract thought, reasoning, and inquiry as students persevere to answer the Essential Questions that drive instruction. All students are able to master content through inductive reasoning opportunities, engaging activities that provide deeper understanding, concise stepped-out examples, rich thought-provoking exercises, and a continual building on what has been previously taught. Clear stepped-out examples, including more explicit explanations with ample and different opportunities for review and practice for students who are below grade level, complete the lesson and provide students with the precise language and structure necessary to build mathematical understanding and proficiency. The exercise sets support the emphasis (from the standards) on Mathematical Reasoning by prompting students to explain their reasoning, critique the reasoning of others, engage in problem solving, attending to the specialized language of mathematics and by helping English learners access challenging mathematics. Robust real-life applications in the lessons and exercise sets provide students the opportunity to use the practices and to develop an appreciation for mathematics as it applies to their lives.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

	The unique Teaching Edition provides wide-ranging, effective and efficient instruction that includes: clear, grade-appropriate explanations of mathematics concepts, support for the Mathematical Practices, alternative pathways, working with misconceptions, suggestions for remediation, suggestions for reinforcing and enriching the curriculum, and researched based instructional strategies. These strategies include motivation ideas, common errors, think-pair-share, neighbor check, graphic organizers and other opportunities for formative assessment. Differentiation strategies that describe specific ways to address the needs of all students with suggestions for reinforcing the curriculum are also included. Strong support comes from master teacher, Laurie Boswell in the form of Laurie's Notes. These notes provide side by side support for every page in the student text. The ancillary package for Big Ideas Math Advanced 1: A Common Core Curriculum includes both print and technology components that are user friendly and support the teaching of the Common Core State Standards to all students through a blend of multi- media presentations.

Main Components & Ancillary Items Needed for Implementation:	Big Ideas Math Student Edition Big Ideas Math Teaching Edition Big Ideas Math Record and Practice Journal Big Ideas Math Assessment Book Big Ideas Math Resources by Chapter Book Big Ideas Math Basic Skills and Skills Review Handbook Big Ideas Math Dynamic Student Resources Online Big Ideas Math Dynamic Teaching Resources Online Big Ideas Math Dynamic Teaching Resources DVD Big Ideas Math Dynamic Assessment Resources DVD Big Ideas Math Dynamic Student Edition DVD
Professional Development /Training Required?	☐ **YES** ☒
If applicable, explain in-service training, required, number of hours and fees associated with service: A comprehensive implementation and services plan may be developed in partnership between Big Ideas Learning and individual school districts. The number of available days/hours is based on the final purchase. Please contact your Houghton Mifflin Harcourt sales representative or account executive to schedule training with a Big Ideas Math consultant.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Big Ideas Math program is a web-based, client/server application hosted by the publisher.
Cross Platform Functionality:	Big Ideas Math program operates on Windows, Linux/Unix, and Mac OSX and all modern browsers. Big Ideas Math supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing.
Plugins Needed: (Flash, Shockwave)	Adobe Reader is recommended to ensure that PDF files are properly displayed and all the functionality of the PDF is available. Adobe Flash may be required if the browser being used does not support HTML5 Video or it does not support HTML5 Audio with MP3 format. Microsoft Word is required for some editable ancillaries. Microsoft Excel is required for some editable ancillaries.
Screen Resolution:	The website is accessible through any modern web browser and the assessment tool is web-based and is best viewed at a screen resolution of 1024x768.
Connectivity Speed Requirement:	This is very subjective based on the differing content that may be accessed through the Big Ideas Math program. On average, a student session lasts about 10 minutes and uses about 6MB of bandwidth.
Mobile Device Capability:	Big Ideas Math provides native apps for its eBook reader. The website is accessible through any modern web browser and the assessment tool is web-based responsive to any screen size. The website supports iOS 7+ and Android 4.0+. The e-book app supports devices of 10" and larger.
Licensing Model(s): (Subscription, 1 yr., etc.)	Digital licenses are per student and per teacher according to the purchase agreement. The district will receive digital licenses for their entire purchase all at once, divided according to grade level. There are no fees associated with the use of this material. Licenses can be revoked and reused.
Updating Process: (How often, auto updates, etc.)	Since the majority of the program is web browser based, updates are made on a continuing basis and there is little impact to the end user. For our mobile apps, updates are made on an as needed basis usually to correct for changes in device operating systems, to improve performance, or to leverage new device features. Mobile app updates are handled through their respective app-stores.

Tools & Features:	21. Web Based: p) Big Ideas Math program is compatible with all operating systems and modern web browsers. It supports proxy server connections. q) Big Ideas Math provides its content in Common Cartridge format. r) Software is hosted by Big Ideas Learning and teacher resources can be downloaded without additional cost. 22. Account Creation: p) The district will receive an administrative login to the Big Ideas Math student management system. Using the publisher provided link to this system, the district will be able to create customized usernames and passwords for both teachers and students. This is most often the responsibility of the district IT personnel. It is the responsibility of the school district to distribute this information to students and teachers. q) Teacher accounts can only be added by the administrator of the student management account. Teachers or administrators can manage student accounts. Accounts can be added individually or uploaded with a CSV file. r) Big Ideas Math also supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing. 23. Security: f) Many of the resources, such as PDF copies of the Teaching Edition textbooks and ancillaries, are not accessible without being logged into the website as a teacher or student. 24. Tech Support: k) Big Ideas Math provides video walkthroughs and electronic documentation for the online program components. **l)** Big Ideas Math Tech Support is available Monday – Friday 8:00am-5:00pm EST by contacting bil_support@larsontexts.com or https://www.bigideasmath.com/support.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Big Ideas Learning**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Big Ideas Math Advanced 2: A Common Core Curriculum**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **978-1-60840-527-5**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Math**	**Author(s): (this must match Submission/Bid Form & Sample)** **Ron Larson and Laurie Boswell**	**Grade Level: (this must match Submission/Bid Form & Sample)** **7**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 7**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**What You Learned Before** **Essential Questions** **What Is Your Answer?** **Meaning of the Word** **Key Vocabulary** **Key Ideas** **Now You're Ready** **On Your Own** **Check It Out** **Vocabulary and Concept Check** **Practice and Problem Solving** **Error Analysis** **Taking Math Deeper** **Fair Game Review** **Study Help – Graphic Organizers** **Cartoons** **Standards Assessment** **Laurie's Notes in the Teaching Edition**

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**Basal Text**

Best Practices in Program Design:	Big Ideas Math Advanced 2: A Common Core Curriculum supports the comprehensive teaching of the 6th grade mathematics course by developing students' conceptual understanding of key mathematical concepts; giving attention throughout the year to individual standards that set an expectation of fluency; by allowing teachers and students to spend sufficient time working with engaging applications; and by meaningfully connecting the content standards and the Standards for Mathematical Practice. Big Ideas Math Advanced 2: A Common Core Curriculum was systematically developed using learning and instructional theory to ensure the quality of instruction. Students gain a deeper understanding of math concepts by narrowing their focus to fewer topics at each grade level and by providing instruction targeted toward readiness for higher mathematics at the middle school level. After the successful completion of the text, students will be ready for seventh grade mathematics. Big Ideas Math Advanced 2: A Common Core Curriculum develops rigor by blending conceptual understanding; procedural skill and fluency; and applications. This rigor is developed through a balanced approach of instruction and delivers a unique and revolutionary curriculum providing a balanced instructional approach of discovery and direct instruction. This research based approach opens doors to abstract thought, reasoning, and inquiry as students persevere to answer the Essential Questions that drive instruction. All students are able to master content through inductive reasoning opportunities, engaging activities that provide deeper understanding, concise stepped-out examples, rich thought-provoking exercises, and a continual building on what has been previously taught. Clear stepped-out examples, including more explicit explanations with ample and different opportunities for review and practice for students who are below grade level, complete the lesson and provide students with the precise language and structure necessary to build mathematical understanding and proficiency. The exercise sets support the emphasis (from the standards) on Mathematical Reasoning by prompting students to explain their reasoning, critique the reasoning of others, engage in problem solving, attending to the specialized language of mathematics and by helping English learners access challenging mathematics. Robust real-life applications in the lessons and exercise sets provide students the opportunity to use the practices and to develop an appreciation for mathematics as it applies to their lives.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

	The unique Teaching Edition provides wide-ranging, effective and efficient instruction that includes: clear, grade-appropriate explanations of mathematics concepts, support for the Mathematical Practices, alternative pathways, working with misconceptions, suggestions for remediation, suggestions for reinforcing and enriching the curriculum, and researched based instructional strategies. These strategies include motivation ideas, common errors, think-pair-share, neighbor check, graphic organizers and other opportunities for formative assessment. Differentiation strategies that describe specific ways to address the needs of all students with suggestions for reinforcing the curriculum are also included. Strong support comes from master teacher, Laurie Boswell in the form of Laurie's Notes. These notes provide side by side support for every page in the student text. The ancillary package for Big Ideas Math Advanced 2: A Common Core Curriculum includes both print and technology components that are user friendly and support the teaching of the Common Core State Standards to all students through a blend of multi- media presentations.

Main Components & Ancillary Items Needed for Implementation:	Big Ideas Math Student Edition Big Ideas Math Teaching Edition Big Ideas Math Record and Practice Journal Big Ideas Math Assessment Book Big Ideas Math Resources by Chapter Book Big Ideas Math Basic Skills and Skills Review Handbook Big Ideas Math Dynamic Student Resources Online Big Ideas Math Dynamic Teaching Resources Online Big Ideas Math Dynamic Teaching Resources DVD Big Ideas Math Dynamic Assessment Resources DVD Big Ideas Math Dynamic Student Edition DVD
Professional Development /Training Required?	☐ **YES** ☒
If applicable, explain in-service training, required, number of hours and fees associated with service: A comprehensive implementation and services plan may be developed in partnership between Big Ideas Learning and individual school districts. The number of available days/hours is based on the final purchase. Please contact your Houghton Mifflin Harcourt sales representative or account executive to schedule training with a Big Ideas Math consultant.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Big Ideas Math program is a web-based, client/server application hosted by the publisher.
Cross Platform Functionality:	Big Ideas Math program operates on Windows, Linux/Unix, and Mac OSX and all modern browsers. Big Ideas Math supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing.
Plugins Needed: (Flash, Shockwave)	Adobe Reader is recommended to ensure that PDF files are properly displayed and all the functionality of the PDF is available. Adobe Flash may be required if the browser being used does not support HTML5 Video or it does not support HTML5 Audio with MP3 format. Microsoft Word is required for some editable ancillaries. Microsoft Excel is required for some editable ancillaries.
Screen Resolution:	The website is accessible through any modern web browser and the assessment tool is web-based and is best viewed at a screen resolution of 1024x768.
Connectivity Speed Requirement:	This is very subjective based on the differing content that may be accessed through the Big Ideas Math program. On average, a student session lasts about 10 minutes and uses about 6MB of bandwidth.
Mobile Device Capability:	Big Ideas Math provides native apps for its eBook reader. The website is accessible through any modern web browser and the assessment tool is web-based responsive to any screen size. The website supports iOS 7+ and Android 4.0+. The e-book app supports devices of 10" and larger.
Licensing Model(s): (Subscription, 1 yr., etc.)	Digital licenses are per student and per teacher according to the purchase agreement. The district will receive digital licenses for their entire purchase all at once, divided according to grade level. There are no fees associated with the use of this material. Licenses can be revoked and reused.
Updating Process: (How often, auto updates, etc.)	Since the majority of the program is web browser based, updates are made on a continuing basis and there is little impact to the end user. For our mobile apps, updates are made on an as needed basis usually to correct for changes in device operating systems, to improve performance, or to leverage new device features. Mobile app updates are handled through their respective app-stores.

Tools & Features:	25. Web Based: s) Big Ideas Math program is compatible with all operating systems and modern web browsers. It supports proxy server connections. t) Big Ideas Math provides its content in Common Cartridge format. u) Software is hosted by Big Ideas Learning and teacher resources can be downloaded without additional cost. 26. Account Creation: s) The district will receive an administrative login to the Big Ideas Math student management system. Using the publisher provided link to this system, the district will be able to create customized usernames and passwords for both teachers and students. This is most often the responsibility of the district IT personnel. It is the responsibility of the school district to distribute this information to students and teachers. t) Teacher accounts can only be added by the administrator of the student management account. Teachers or administrators can manage student accounts. Accounts can be added individually or uploaded with a CSV file. u) Big Ideas Math also supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing. 27. Security: g) Many of the resources, such as PDF copies of the Teaching Edition textbooks and ancillaries, are not accessible without being logged into the website as a teacher or student. 28. Tech Support: m) Big Ideas Math provides video walkthroughs and electronic documentation for the online program components. **n)** Big Ideas Math Tech Support is available Monday – Friday 8:00am-5:00pm EST by contacting bil_support@larsontexts.com or https://www.bigideasmath.com/support.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Big Ideas Learning**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Big Ideas Math Algebra 1: A Common Core Curriculum**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **978-1-60840-838-2**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Math**	**Author(s): (this must match Submission/Bid Form & Sample)** **Ron Larson and Laurie Boswell**	**Grade Level: (this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 9-12**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**Maintaining Mathematical Proficiency** **Mathematical Practices** **Essential Questions** **Communicate Your Answer** **Core Vocabulary** **Core Concepts** **Monitoring Progress** **Vocabulary and Core Concept Check** **Monitoring Progress and Modeling with Mathematics** **Error Analysis** **How Do You See It?** **Thought Provoking** **Maintaining Mathematical Proficiency** **What Did You Learn?** **Standards Assessments** **Laurie's Notes in the Teaching Edition**

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**Basal Text**

Best Practices in Program Design:	Big Ideas Math Algebra 1: A Common Core Curriculum supports the comprehensive teaching of the 9th through 12th grade mathematics course by developing students' conceptual understanding of key mathematical concepts; giving attention throughout the year to individual standards that set an expectation of fluency; by allowing teachers and students to spend sufficient time working with engaging applications; and by meaningfully connecting the content standards and the Standards for Mathematical Practice. Big Ideas Math Algebra 1: A Common Core Curriculum was systematically developed using learning and instructional theory to ensure the quality of instruction. Students gain a deeper understanding of math concepts by narrowing their focus to fewer topics at each grade level and by providing instruction targeted toward readiness for higher mathematics at the middle school level. After the successful completion of the text, students will be ready for seventh grade mathematics. Big Ideas Math Algebra 1: A Common Core Curriculum develops rigor by blending conceptual understanding; procedural skill and fluency; and applications. This rigor is developed through a balanced approach of instruction and delivers a unique and revolutionary curriculum providing a balanced instructional approach of discovery and direct instruction. This research based approach opens doors to abstract thought, reasoning, and inquiry as students persevere to answer the Essential Questions that drive instruction. All students are able to master content through inductive reasoning opportunities, engaging activities that provide deeper understanding, concise stepped-out examples, rich thought-provoking exercises, and a continual building on what has been previously taught. Clear stepped-out examples, including more explicit explanations with ample and different opportunities for review and practice for students who are below grade level, complete the lesson and provide students with the precise language and structure necessary to build mathematical understanding and proficiency. The exercise sets support the emphasis (from the standards) on Mathematical Reasoning by prompting students to explain their reasoning, critique the reasoning of others, engage in problem solving, attending to the specialized language of mathematics and by helping English learners access challenging mathematics. Robust real-life applications in the lessons and exercise sets provide students the opportunity to use the practices and to develop an appreciation for mathematics as it applies to their lives.

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	The unique Teaching Edition provides wide-ranging, effective and efficient instruction that includes: clear, grade-appropriate explanations of mathematics concepts, support for the Mathematical Practices, alternative pathways, working with misconceptions, suggestions for remediation, suggestions for reinforcing and enriching the curriculum, and researched based instructional strategies. These strategies include motivation ideas, common errors, think-pair-share, neighbor check and other opportunities for formative assessment. Differentiation strategies that describe specific ways to address the needs of all students with suggestions for reinforcing the curriculum are also included. Strong support comes from master teacher, Laurie Boswell in the form of Laurie's Notes. These notes provide side by side support for every page in the student text. The ancillary package for Big Ideas Math Algebra 1: A Common Core Curriculum includes both print and technology components that are user friendly and support the teaching of the Common Core State Standards to all students through a blend of multi- media presentations.

Main Components & Ancillary Items Needed for Implementation:	Big Ideas Math Student Edition Big Ideas Math Teaching Edition Big Ideas Math Student Journal Big Ideas Math Assessment Book Big Ideas Math Resources by Chapter Book Big Ideas Math Skills Review Handbook Big Ideas Math Dynamic Student Resources Online Big Ideas Math Dynamic Teaching Resources Online
Professional Development /Training Required?	☐ **YES** ☒
If applicable, explain in-service training, required, number of hours and fees associated with service: A comprehensive implementation and services plan may be developed in partnership between Big Ideas Learning and individual school districts. The number of available days/hours is based on the final purchase. Please contact your Houghton Mifflin Harcourt sales representative or account executive to schedule training with a Big Ideas Math consultant.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Big Ideas Math program is a web-based, client/server application hosted by the publisher.
Cross Platform Functionality:	Big Ideas Math program operates on Windows, Linux/Unix, and Mac OSX and all modern browsers. Big Ideas Math supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing.
Plugins Needed: (Flash, Shockwave)	Adobe Reader is recommended to ensure that PDF files are properly displayed and all the functionality of the PDF is available. Adobe Flash may be required if the browser being used does not support HTML5 Video or it does not support HTML5 Audio with MP3 format. Microsoft Word is required for some editable ancillaries. Microsoft Excel is required for some editable ancillaries.
Screen Resolution:	The website is accessible through any modern web browser and the assessment tool is web-based and is best viewed at a screen resolution of 1024x768.
Connectivity Speed Requirement:	This is very subjective based on the differing content that may be accessed through the Big Ideas Math program. On average, a student session lasts about 10 minutes and uses about 6MB of bandwidth.
Mobile Device Capability:	Big Ideas Math provides native apps for its eBook reader. The website is accessible through any modern web browser and the assessment tool is web-based responsive to any screen size. The website supports iOS 7+ and Android 4.0+. The e-book app supports devices of 10" and larger.
Licensing Model(s): (Subscription, 1 yr., etc.)	Digital licenses are per student and per teacher according to the purchase agreement. The district will receive digital licenses for their entire purchase all at once, divided according to grade level. There are no fees associated with the use of this material. Licenses can be revoked and reused.
Updating Process: (How often, auto updates, etc.)	Since the majority of the program is web browser based, updates are made on a continuing basis and there is little impact to the end user. For our mobile apps, updates are made on an as needed basis usually to correct for changes in device operating systems, to improve performance, or to leverage new device features. Mobile app updates are handled through their respective app-stores.

Tools & Features:	29. Web Based: v) Big Ideas Math program is compatible with all operating systems and modern web browsers. It supports proxy server connections. w) Big Ideas Math provides its content in Common Cartridge format. x) Software is hosted by Big Ideas Learning and teacher resources can be downloaded without additional cost. 30. Account Creation: v) The district will receive an administrative login to the Big Ideas Math student management system. Using the publisher provided link to this system, the district will be able to create customized usernames and passwords for both teachers and students. This is most often the responsibility of the district IT personnel. It is the responsibility of the school district to distribute this information to students and teachers. w) Teacher accounts can only be added by the administrator of the student management account. Teachers or administrators can manage student accounts. Accounts can be added individually or uploaded with a CSV file. x) Big Ideas Math also supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing. 31. Security: h) Many of the resources, such as PDF copies of the Teaching Edition textbooks and ancillaries, are not accessible without being logged into the website as a teacher or student. 32. Tech Support: o) Big Ideas Math provides video walkthroughs and electronic documentation for the online program components. **p)** Big Ideas Math Tech Support is available Monday – Friday 8:00am-5:00pm EST by contacting bil_support@larsontexts.com or https://www.bigideasmath.com/support.

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Publishing Company Name: (this must match Submission/Bid Form & Sample) **Big Ideas Learning**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Big Ideas Math Geometry: A Common Core Curriculum**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **978-1-60840-839-9**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Math**	**Author(s): (this must match Submission/Bid Form & Sample)** **Ron Larson and Laurie Boswell**	**Grade Level: (this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 9-12**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**Maintaining Mathematical Proficiency** **Mathematical Practices** **Essential Questions** **Communicate Your Answer** **Core Vocabulary** **Core Concepts** **Monitoring Progress** **Vocabulary and Core Concept Check** **Monitoring Progress and Modeling with Mathematics** **Error Analysis** **How Do You See It?** **Thought Provoking** **Maintaining Mathematical Proficiency** **What Did You Learn?** **Standards Assessments** **Laurie's Notes in the Teaching Edition**

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**Basal Text**

Best Practices in Program Design:	Big Ideas Math Geometry: A Common Core Curriculum supports the comprehensive teaching of the 9th through 12th grade mathematics course by developing students' conceptual understanding of key mathematical concepts; giving attention throughout the year to individual standards that set an expectation of fluency; by allowing teachers and students to spend sufficient time working with engaging applications; and by meaningfully connecting the content standards and the Standards for Mathematical Practice. Big Ideas Math Geometry: A Common Core Curriculum was systematically developed using learning and instructional theory to ensure the quality of instruction. Students gain a deeper understanding of math concepts by narrowing their focus to fewer topics at each grade level and by providing instruction targeted toward readiness for higher mathematics at the middle school level. After the successful completion of the text, students will be ready for seventh grade mathematics. Big Ideas Math Geometry: A Common Core Curriculum develops rigor by blending conceptual understanding; procedural skill and fluency; and applications. This rigor is developed through a balanced approach of instruction and delivers a unique and revolutionary curriculum providing a balanced instructional approach of discovery and direct instruction. This research based approach opens doors to abstract thought, reasoning, and inquiry as students persevere to answer the Essential Questions that drive instruction. All students are able to master content through inductive reasoning opportunities, engaging activities that provide deeper understanding, concise stepped-out examples, rich thought-provoking exercises, and a continual building on what has been previously taught. Clear stepped-out examples, including more explicit explanations with ample and different opportunities for review and practice for students who are below grade level, complete the lesson and provide students with the precise language and structure necessary to build mathematical understanding and proficiency. The exercise sets support the emphasis (from the standards) on Mathematical Reasoning by prompting students to explain their reasoning, critique the reasoning of others, engage in problem solving, attending to the specialized language of mathematics and by helping English learners access challenging mathematics. Robust real-life applications in the lessons and exercise sets provide students the opportunity to use the practices and to develop an appreciation for mathematics as it applies to their lives.

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	The unique Teaching Edition provides wide-ranging, effective and efficient instruction that includes: clear, grade-appropriate explanations of mathematics concepts, support for the Mathematical Practices, alternative pathways, working with misconceptions, suggestions for remediation, suggestions for reinforcing and enriching the curriculum, and researched based instructional strategies. These strategies include motivation ideas, common errors, think-pair-share, neighbor check, graphic organizers and other opportunities for formative assessment. Differentiation strategies that describe specific ways to address the needs of all students with suggestions for reinforcing the curriculum are also included. Strong support comes from master teacher, Laurie Boswell in the form of Laurie's Notes. These notes are provided for support for every page in the student text. The ancillary package for Big Ideas Math Geometry: A Common Core Curriculum includes both print and technology components that are user friendly and support the teaching of the Common Core State Standards to all students through a blend of multi- media presentations.

Main Components & Ancillary Items Needed for Implementation:	Big Ideas Math Student Edition Big Ideas Math Teaching Edition Big Ideas Math Student Journal Big Ideas Math Assessment Book Big Ideas Math Resources by Chapter Book Big Ideas Math Skills Review Handbook Big Ideas Math Dynamic Student Resources Online Big Ideas Math Dynamic Teaching Resources Online
Professional Development /Training Required?	☐ **YES** ☒
If applicable, explain in-service training, required, number of hours and fees associated with service: A comprehensive implementation and services plan may be developed in partnership between Big Ideas Learning and individual school districts. The number of available days/hours is based on the final purchase. Please contact your Houghton Mifflin Harcourt sales representative or account executive to schedule training with a Big Ideas Math consultant.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Big Ideas Math program is a web-based, client/server application hosted by the publisher.
Cross Platform Functionality:	Big Ideas Math program operates on Windows, Linux/Unix, and Mac OSX and all modern browsers. Big Ideas Math supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing.
Plugins Needed: (Flash, Shockwave)	Adobe Reader is recommended to ensure that PDF files are properly displayed and all the functionality of the PDF is available. Adobe Flash may be required if the browser being used does not support HTML5 Video or it does not support HTML5 Audio with MP3 format. Microsoft Word is required for some editable ancillaries. Microsoft Excel is required for some editable ancillaries.
Screen Resolution:	The website is accessible through any modern web browser and the assessment tool is web-based and is best viewed at a screen resolution of 1024x768.
Connectivity Speed Requirement:	This is very subjective based on the differing content that may be accessed through the Big Ideas Math program. On average, a student session lasts about 10 minutes and uses about 6MB of bandwidth.
Mobile Device Capability:	Big Ideas Math provides native apps for its eBook reader. The website is accessible through any modern web browser and the assessment tool is web-based responsive to any screen size. The website supports iOS 7+ and Android 4.0+. The e-book app supports devices of 10" and larger.
Licensing Model(s): (Subscription, 1 yr., etc.)	Digital licenses are per student and per teacher according to the purchase agreement. The district will receive digital licenses for their entire purchase all at once, divided according to grade level. There are no fees associated with the use of this material. Licenses can be revoked and reused.
Updating Process: (How often, auto updates, etc.)	Since the majority of the program is web browser based, updates are made on a continuing basis and there is little impact to the end user. For our mobile apps, updates are made on an as needed basis usually to correct for changes in device operating systems, to improve performance, or to leverage new device features. Mobile app updates are handled through their respective app-stores.

Tools & Features:	33. Web Based: y) Big Ideas Math program is compatible with all operating systems and modern web browsers. It supports proxy server connections. z) Big Ideas Math provides its content in Common Cartridge format. aa) Software is hosted by Big Ideas Learning and teacher resources can be downloaded without additional cost. 34. Account Creation: y) The district will receive an administrative login to the Big Ideas Math student management system. Using the publisher provided link to this system, the district will be able to create customized usernames and passwords for both teachers and students. This is most often the responsibility of the district IT personnel. It is the responsibility of the school district to distribute this information to students and teachers. z) Teacher accounts can only be added by the administrator of the student management account. Teachers or administrators can manage student accounts. Accounts can be added individually or uploaded with a CSV file. aa) Big Ideas Math also supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing. 35. Security: i) Many of the resources, such as PDF copies of the Teaching Edition textbooks and ancillaries, are not accessible without being logged into the website as a teacher or student. 36. Tech Support: q) Big Ideas Math provides video walkthroughs and electronic documentation for the online program components. **r)** Big Ideas Math Tech Support is available Monday – Friday 8:00am-5:00pm EST by contacting bil_support@larsontexts.com or https://www.bigideasmath.com/support.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: (this must match Submission/Bid Form & Sample) **Big Ideas Learning**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Big Ideas Math Algebra 2: A Common Core Curriculum**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **978-1-60840-840-5**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Math**	**Author(s): (this must match Submission/Bid Form & Sample)** **Ron Larson and Laurie Boswell**	**Grade Level: (this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 9-12**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**Maintaining Mathematical Proficiency** **Mathematical Practices** **Essential Questions** **Communicate Your Answer** **Core Vocabulary** **Core Concepts** **Monitoring Progress** **Vocabulary and Core Concept Check** **Monitoring Progress and Modeling with Mathematics** **Error Analysis** **How Do You See It?** **Thought Provoking** **Maintaining Mathematical Proficiency** **What Did You Learn?** **Standards Assessments** **Laurie's Notes in the Teaching Edition**

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**Basal Text**

Best Practices in Program Design:	Big Ideas Math Algebra 2: A Common Core Curriculum supports the comprehensive teaching of the 9th through 12th grade mathematics course by developing students' conceptual understanding of key mathematical concepts; giving attention throughout the year to individual standards that set an expectation of fluency; by allowing teachers and students to spend sufficient time working with engaging applications; and by meaningfully connecting the content standards and the Standards for Mathematical Practice. Big Ideas Math Algebra 2: A Common Core Curriculum was systematically developed using learning and instructional theory to ensure the quality of instruction. Students gain a deeper understanding of math concepts by narrowing their focus to fewer topics at each grade level and by providing instruction targeted toward readiness for higher mathematics at the middle school level. After the successful completion of the text, students will be ready for seventh grade mathematics. Big Ideas Math Algebra 2: A Common Core Curriculum develops rigor by blending conceptual understanding; procedural skill and fluency; and applications. This rigor is developed through a balanced approach of instruction and delivers a unique and revolutionary curriculum providing a balanced instructional approach of discovery and direct instruction. This research based approach opens doors to abstract thought, reasoning, and inquiry as students persevere to answer the Essential Questions that drive instruction. All students are able to master content through inductive reasoning opportunities, engaging activities that provide deeper understanding, concise stepped-out examples, rich thought-provoking exercises, and a continual building on what has been previously taught. Clear stepped-out examples, including more explicit explanations with ample and different opportunities for review and practice for students who are below grade level, complete the lesson and provide students with the precise language and structure necessary to build mathematical understanding and proficiency. The exercise sets support the emphasis (from the standards) on Mathematical Reasoning by prompting students to explain their reasoning, critique the reasoning of others, engage in problem solving, attending to the specialized language of mathematics and by helping English learners access challenging mathematics. Robust real-life applications in the lessons and exercise sets provide students the opportunity to use the practices and to develop an appreciation for mathematics as it applies to their lives. The unique Teaching Edition provides wide-ranging, effective and efficient instruction that includes: clear, grade-appropriate explanations of mathematics concepts, support for the Mathematical Practices, alternative pathways,

	working with misconceptions, suggestions for remediation, suggestions for reinforcing and enriching the curriculum, and researched based instructional strategies. These strategies include motivation ideas, common errors, think-pair-share, neighbor check and other opportunities for formative assessment. Differentiation strategies that describe specific ways to address the needs of all students with suggestions for reinforcing the curriculum are also included. Strong support comes from master teacher, Laurie Boswell in the form of Laurie's Notes. These notes are provided for support for every page in the student text. The ancillary package for Big Ideas Math Algebra 2: A Common Core Curriculum includes both print and technology components that are user friendly and support the teaching of the Common Core State Standards to all students through a blend of multi- media presentations.

Main Components & Ancillary Items Needed for Implementation:	Big Ideas Math Student Edition Big Ideas Math Teaching Edition Big Ideas Math Student Journal Big Ideas Math Assessment Book Big Ideas Math Resources by Chapter Book Big Ideas Math Skills Review Handbook Big Ideas Math Dynamic Student Resources Online Big Ideas Math Dynamic Teaching Resources Online
Professional Development /Training Required?	☐ **YES** ☒
If applicable, explain in-service training, required, number of hours and fees associated with service: A comprehensive implementation and services plan may be developed in partnership between Big Ideas Learning and individual school districts. The number of available days/hours is based on the final purchase. Please contact your Houghton Mifflin Harcourt sales representative or account executive to schedule training with a Big Ideas Math consultant.	

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Plugins Needed: (Flash, Shockwave)	Adobe Reader is recommended to ensure that PDF files are properly displayed and all the functionality of the PDF is available. Adobe Flash may be required if the browser being used does not support HTML5 Video or it does not support HTML5 Audio with MP3 format. Microsoft Word is required for some editable ancillaries. Microsoft Excel is required for some editable ancillaries.
Screen Resolution:	The website is accessible through any modern web browser and the assessment tool is web-based and is best viewed at a screen resolution of 1024x768.
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Licensing Model(s): (Subscription, 1 yr., etc.)	Digital licenses are per student and per teacher according to the purchase agreement. The district will receive digital licenses for their entire purchase all at once, divided according to grade level. There are no fees associated with the use of this material. Licenses can be revoked and reused.
Updating Process: (How often, auto updates, etc.)	Since the majority of the program is web browser based, updates are made on a continuing basis and there is little impact to the end user. For our mobile apps, updates are made on an as needed basis usually to correct for changes in device operating systems, to improve performance, or to leverage new device features. Mobile app updates are handled through their respective app-stores.

Tools & Features:	37. Web Based: bb) Big Ideas Math program is compatible with all operating systems and modern web browsers. It supports proxy server connections. cc) Big Ideas Math provides its content in Common Cartridge format. dd) Software is hosted by Big Ideas Learning and teacher resources can be downloaded without additional cost. 38. Account Creation: bb) The district will receive an administrative login to the Big Ideas Math student management system. Using the publisher provided link to this system, the district will be able to create customized usernames and passwords for both teachers and students. This is most often the responsibility of the district IT personnel. It is the responsibility of the school district to distribute this information to students and teachers. cc) Teacher accounts can only be added by the administrator of the student management account. Teachers or administrators can manage student accounts. Accounts can be added individually or uploaded with a CSV file. dd) Big Ideas Math also supports roster synchronization and single sign-on through Clever. Clever securely connects with your SIS and synchronizes rosters for you automatically. Clever offers both "pull" (credentials-based) and "push" (SFTP) syncing. 39. Security: j) Many of the resources, such as PDF copies of the Teaching Edition textbooks and ancillaries, are not accessible without being logged into the website as a teacher or student. 40. Tech Support: s) Big Ideas Math provides video walkthroughs and electronic documentation for the online program components. **t)** Big Ideas Math Tech Support is available Monday – Friday 8:00am-5:00pm EST by contacting bil_support@larsontexts.com or https://www.bigideasmath.com/support.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: **(this must match Submission/Bid Form & Sample)** Carnegie Learning, Inc.	**Title of Material:** **(this must match Submission/Bid Form & Sample)** Carnegie Learning Algebra I 3rd Edition (Print only)	**Copyright:** **(this must match Submission/Bid Form & Sample)** 2013 **ISBN number:** **(must match Submission-Bid Form & Sample)** 978-1-60972-152-7
Subject Area: **(this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample)** Mathematics	**Author(s):** **(this must match Submission/Bid Form & Sample)** David Dengler, Sandy Bartle Finocchi, William S. Hadley, Mary Lou Metz	**Grade Level:** **(this must match Submission/Bid Form & Sample)** HS

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Common Core State Mathematics (2013)

Features: **(This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)**

The Carnegie Learning Algebra I 3rd Edition text was developed to support students as they build their mathematical understanding and make connections both from previous years and within the different mathematical clusters outlined in the Common Core State Standards for Mathematics, as specified in Appendix A Pathways. The materials were strongly influenced by research into how students learn mathematics and how to best motivate them to succeed academically.
The instructional design of the Carnegie Learning Algebra I 3rd Edition text includes:

- A student-centered approach that focuses on students thinking about and discussing mathematics as active participants in their learning.
- Tasks that make use of models—real-world situations, graphs, diagrams, and worked examples, among others—to help students see and make connections between different topics.
- Questions written to promote analysis, to develop higher-order-thinking skills, and to encourage students to seek mathematical relationships.

The instructional materials provide investigations, applications, and practice with on-course-level problems. The consumable *Student Text* is the primary classroom resource and provides a record of the students' thinking, reasoning, and problem solving. The Lessons, each comprised of several Problems, were written to engage and motivate students, develop conceptual understanding and procedural fluency, and provide opportunities for students to assess their own understanding. The goal of the instructional materials is for students to view mathematics as a set of related topics rather than as a set of discrete topics. Students should understand why algorithms work, not just memorize procedures.
Each Lesson within the Student Text:

- Demonstrates the usefulness of mathematics in the real world
- Provides access for all students
- Connects to and builds upon prior knowledge and experiences
- Develops conceptual and procedural knowledge
- Requires thinking, modeling, reasoning, and explaining mathematical ideas
- Engages students in accountable discourse
- Provides opportunities to assess student understanding

Each Problem within a Lesson exhibits one of these attributes:

- New concept development through problem solving and investigations
- Continued practice of concepts in new situations
- Immediate practice for concepts that have been developed
- Distributive practice to reach mastery and to allow for connections to prior concepts
- Synthesis of key mathematical concepts and understandings

Student Assignments and *Skills Practice Worksheets* additional practice and engagement through the Carnegie Learning Online Resource Center. The *Student Assignments* provide opportunities for students to practice and apply their understanding of the mathematical objectives addressed in the corresponding student lesson. The *Student Skills Practice* is a supplemental resource that provides targeted practice of discrete skills within each student lesson. Each *Skills Practice* worksheet contains two sections—vocabulary and problem sets. Also provided on the Carnegie Learning Online Resource Center are See It-Try It videos. These videos explore, animate, or demonstrate a key concept or collection of concepts. Each video is tagged with its corresponding text Lesson and Problem.Each chapter includes a variety of *Assessments,* e.g., Pre-test, Post-test, Mid-Chapter, End of chapter, and Standardized Test Practice. Additionally, *Assessments* and additional practice worksheets can easily be generated through the ExamView test generator.

Carnegie Learning Algebra I 3rd Edition Table of Contents

- Quantities and Relationships
- Graphs, Equations, and Inequalities
- Linear Functions
- Sequences
- Exponential Functions
- Systems of Equations
- Analyzing Data Sets for One Variable
- Introduction to Quadratic Functions
- Polynomials and Quadratics
- Solving Quadratic Equations and Inequalities
- Real Number Systems
- Other Functions and Inverses

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Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	Carnegie Learning print materials are structured to be used daily and can be used as whole class instruction, small group work, or other groupings. Within each student lesson, questions, instruction, and worked examples are interwoven to engage students as they develop their own mathematical understandings. Each chapter is designed to accommodate a variety of learners with instructional features that include relevant lesson openers, warm-ups, learning objectives, academic vocabulary, pre-written student methods, error analysis, sorting activities, and many others. Carnegie Learning's Algebra I 3rd Edition is based on over 20 years of research into how students think, learn and apply new knowledge in mathematics. The materials are developed to take students from their intuitive understanding of the world and apply that to the mathematics they are learning, and then bridge to more formal and sophisticated mathematical comprehension. Three key ideas provide the foundation for Carnegie Learning materials – engage and motivate students, promote deep conceptual understanding, and provide powerful formative ongoing assessment. The Carnegie Learning High School Math Series promotes a student-centered, collaborative classroom with a key instructional goal to get students to think about and discuss math. Mathematical reasoning is intrinsic in the materials. Students are active participants in their learning; they are doing the work, presenting the work, and critiquing each other's thinking. Each Problem ends with the statement, "Be prepared to share your solutions and methods." Students are expected to communicate their reasoning and critique the explanation of others. As students explain their problem-solving steps or the rationale, they internalize the processes and reasoning behind the mathematics. The role of the teacher is to facilitate the discussion and highlight the important connections, strategies, and conclusions. The notes throughout the *Teacher's Implementation Guide* provide recommendations for grouping students and provide additional guiding questions for the discuss-and-share phases of the Lesson. If teachers expect students to work well together, students need to understand what it means and how it benefits them. It is recommended that teachers establish classroom guidelines and structure groups to create a community of learners. When teachers facilitate groups, they should listen carefully and value diversity of thought, redirect student's questions with guiding questions, provide additional support to those struggling with a task, and hold groups accountable for an end product. During the share phase of the Lesson, teachers should make their expectations clear, require that students defend and talk about their solutions, and monitor student progress by checking for understanding. The goal at all times is to present a curriculum that is engaging and effective**.**

Best Practices in Program Design:	Carnegie Learning, Inc. is an active research company that continually participates in research, publishes in peer-reviewed journals, and presents at national conferences. The Carnegie Learning instructional materials feature best practices based on research into how students learn and how to best motivate students to succeed academically. Studies of learning emphasize that students learn best when they actively engage with new knowledge. While some highly motivated students will make the mental effort to actively incorporate lecture information, most students find it difficult to sustain the engagement required to benefit from such instruction. In contrast, active learning approaches, in which students interact with material, construct artifacts and discuss their approach and understanding, are more likely to sustain student attention and to assist students in building understanding. Chi (2009) provides a model which bridges between the psychology of learning and the practical necessities of the classroom. This model is called ICAP: **I**nteractive, **C**onstructive, **A**ctive, **P**assive. It draws from studies that show that, as instruction moves up the scale from passive to interactive, learning becomes more robust. Interactive instruction requires students to communicate and come to a shared understanding of the content. Consistent with Chi's recommendations for classroom instruction, the instructional approach in Carnegie Learning's instructional material emphasizes engaged learning where students construct work products, discuss their approaches and actively engage with content. Teachers can compare and contrast student solutions and promote interactive dialogue among students. Carnegie Learning's recommended classroom environment is designed to encourage active dialogue centered on structured activities. One particularly effective structure for collaboration is "think-pair-share" (Lyman, 1981) in which students think about the goals and initial approach to solving the problem, pair up for interactive problem-solving, and then share their results with the rest of the class. Notes in the Teacher's Implementation Guide provide recommendations for grouping students and provide guiding questions for each portion of a lesson to facilitate instruction. Process icons (indicating "think", "pair", "share", "discuss") appear throughout each Lesson as helpful prompts for students and teacher instructional decision-making. The goal of Carnegie Learning's instructional materials is to employ different types of educational activities and problem types. The activities within Carnegie Learning's Algebra I text have been constructed to support various learning processes and promote deep, conceptual understanding. Deep understanding means that concepts are well represented and well connected to other concepts. Promoting deep conceptual understanding is demonstrated throughout the Carnegie Learning Algebra I text. The tasks make extensive use of models—real-world situations, manipulatives, graphs, and diagrams, among others—to help students see and make connections between different topics. Within each lesson students engage in tasks as they develop their own mathematical understanding. The lessons are structured to provide students with various opportunities to reason, to model, and to expand on explanations about mathematical ideas. The over-arching questioning strategy throughout the text promotes analysis and higher order thinking

skills beyond simple "yes" or "no" responses. By explaining problem-solving steps or the rationale for a solution, students will internalize the processes and reasoning behind the mathematics.

To achieve the learning goals of each lesson, students will respond to questions that ask them to:

- Look for patterns
- Estimate
- Predict
- Describe
- Determine
- Represent
- Compare and contrast
- Calculate
- Solve
- Write a rule
- Generalize
- Explain your reasoning

Additional embedded problem types include Worked Examples. ***These problems are presented in solved form so students do not need to make the choices that would be required in problem solving. Worked examples can serve the same understanding and sense-making goals as problem solving.***

Students often read worked examples without deep thought about the role of various steps in the overall solution path. Research supports the notion that the educational value of worked examples lies in thinking about how the steps connect to each other and how particular steps might be added, omitted or changed, depending on context. Chi et al. (1994) found that prompting students to self-explain while reading examples led to better learning.

Within Carnegie Learning's Algebra I text worked examples provide a means for students to view the flow of each step taken to solve the example problem. In most cases, students will answer questions posed about the worked example. The questions are designed to serve as a model for self-questioning and self-explanations which is useful because some students don't do this naturally. The questions represent and mimic an internal dialog about the mathematics and the strategies. This approach doesn't allow students to skip over the example without interacting with it, thinking about it, and responding to the questions. This approach will help students develop the desired habits of mind for being conscientious about the importance of steps and their order.

One concern with self-explanation is that students may erroneously generalize from an example. There are often multiple explanations for how one step might follow from another, so how are we to correct misconceptions that students may have? Several recent studies have found that asking students to find errors in erroneous examples or asking students to determine which of several solution methods is correct can lead to better generalizations (Durkin & Rittle-Johnson, 2009; Rittle-Johnson & Star, 2007; Siegler, 2002; Booth, Koedinger & Siegler, 2007). For this reason, Carnegie Learning's instructional materials include variants of worked examples focused on ensuring that students are able to analyze and understand the relationship between the steps taken to complete a problem and the overall problem strategy as in the following:

- Thumbs up/Thumbs down – These activities show solution paths to a problem--some of which are labeled as correct (thumbs up) and some of which are incorrect (thumbs down). Students are asked to review these solutions and explain why a particular approach either succeeded or failed.

- Who's Correct? – In these activities students are shown several solutions to a problem and are asked to identify which of the solution paths led to the correct answer and why.

Many lessons contain a specific Problem named Talk the Talk. This provides open-ended questions requiring students to summarize and generalize their mathematical understandings of key concepts. This is an opportunity for students to demonstrate their understanding of essential concepts and make connections between concepts they have previously learned- one purpose of Performance Tasks. Each Talk the Talk is written so students can formatively assess their own understanding by providing appropriate reasoning and evidence.

Hausmann and VanLehn (2007) found that embedding self-explanation prompts within learning materials could encourage students to more thoughtfully self-explain. Student and teacher characters are embedded throughout the Carnegie Learning Algebra I text to remind students to stop and think about the context, the mathematics, or prior skills in order to promote productive reflection.

An Academic Glossary is included in the Front Matter of the *Student Text* to provide support for understanding important terms (e.g. analyze, represent, and explain your reasoning) that students will encounter while working through each lesson. The graphic organizers shown in the Academic Glossary display a definition, related words, sample questions, and examples to help students know what is meant by specific terms and how they are used to think, reason, and communicate ideas. In addition, graphic organizers are provided to support students as they work with the different problem types, e.g. Worked Examples, Thumbs Up, Thumbs Down, and Who's Correct?

Carnegie Learning's Algebra I text thoughtfully leads and supports students to develop an understanding of mathematical ideas. The materials were designed to teach students that math is relevant, not because it comes with a rule book that must be followed in a rote manner, but because it provides a common and useful language for discussing and solving complex problems in everyday life.

Standards for Mathematical Practice
The Standards for Mathematical Practice describe varieties of expertise that mathematics educators at all levels should seek to develop in their students. These practices rest on important "processes and proficiencies" with longstanding importance in mathematics education. The first of these are the NCTM process standards of problem solving, reasoning and proof,

communication, representation, and connections. The second are the strands of mathematical proficiency specified in the National Research Council's report Adding It Up: adaptive reasoning, strategic competence, conceptual understanding (comprehension of mathematical concepts, operations and relations), procedural fluency (skill in carrying out procedures flexibly, accurately, efficiently, and appropriately), and productive disposition.

Each lesson within a Carnegie Learning text provides opportunities for students to think, reason, and communicate their mathematical understanding. Expertise is a long-term goal and students must be encouraged to apply these practices to new content throughout their school career. Effective communication and collaboration are essential skills of a successful learner. It is through dialogue and discussion of different strategies that students become knowledgeable, independent learners.

Mathematical Practice 1: Make Sense of Problems and Persevere in Solving Them
The Carnegie Learning implementation model (discuss, think, pair, share) provides a classroom environment for students to make sense of problems, develop strategies, persevere in implementing the strategy, and analyze the results. As students work collaboratively through problems, they will plan and execute a solution strategy. It is the responsibility of each group member to monitor and evaluate the progress of the group and to make suggestions for changing course, if necessary. The teacher should circulate through the room monitoring students' work, assessing progress, and redirecting with guided questions.

To bring closure and provide a summary for each problem, teachers should ask thought-provoking questions that require students to explain their thinking and process as well as allowing multiple groups to present their solutions. Discussion can be generated around alternate solution paths, connections to prior concepts, and generalizations.

Mathematical Practice 2: Reason Abstractly and Quantitatively
The scenarios throughout the Carnegie Learning instructional materials help students recognize and understand that quantitative relationships seen in the real-world are no different than quantitative relationships in mathematics. Some problems begin with a real-world context to remind students that the quantitative relationships they already use can be formalized mathematically. Other problems will use real-world situations as an application of mathematical concepts.

Mathematical Practice 3: Construct Viable Arguments and Critique the Reasoning of Others
In a Carnegie Learning classroom, students are active participants in their learning; they are doing the work, presenting solutions, and critiquing each other. The role of the teacher is to facilitate the discussion and highlight important connections, strategies, and conclusions. Each lesson ends with the statement "Be prepared to share your methods and solutions." Students are expected to be able to communicate their reasoning and critique the explanation of others. As students explain problem-solving steps or the rationale for a solution, they will internalize the processes and reasoning behind the mathematics.

In addition, many lessons include peer analysis problem types—thumbs up, thumbs down, and Who's Correct? These problems help students make inferences about correct and incorrect responses. These types of problems will also help students analyze their own work for errors and correctness.

Mathematical Practice 4: Model with Mathematics
Activities throughout the Carnegie Learning instructional materials provide opportunities for students to create and use multiple representations (words, tables, graphs, and symbolic statements) to organize, record, and communicate mathematical ideas. Manipulatives and various models are incorporated throughout to develop a conceptual understanding of mathematical concepts. These activities provide opportunities for students to develop strategies and reasoning that will serve as the foundation for learning more abstract mathematics. To foster the transfer of student understanding from concrete manipulatives to the abstract procedures, a variety of instructional prompts are used.

Mathematical Practice 5: Use Appropriate Tools Strategically
Activities throughout the Carnegie Learning instructional materials facilitate the appropriate use of tools including calculators, rulers, protractors, compasses, and manipulatives. Tools are used in a variety of ways—to build conceptual understanding, to explore concepts, and to verify solutions. Worked examples are provided as appropriate within lessons to demonstrate how to use the various tools. An overarching instructional theme of the text is to provide students with various strategies and help them understand when to use certain strategies for exact answers, estimation, and efficiency.

Mathematical Practice 6: Attend to Precision
Each lesson throughout the Carnegie Learning instructional materials provides opportunities for students to communicate precisely when writing in their consumable books, and then sharing their solutions with their peers. It is the responsibility of the teacher to ensure that students label units of measure and explain their reasoning using appropriate definitions and mathematical language. The answers provided in the Teacher's Implementation Guide are exemplars of student responses and model precision appropriately. A Vocabulary section is included in the Skills Practice for each lesson that provides additional opportunities to use appropriate definitions and mathematical language.

Mathematical Practice 7: Look for and Make Use of Structure
Activities throughout the Carnegie Learning instructional materials provide opportunities for students to analyze numeric, geometric, and algebraic patterns. Accompanying questions help students notice relationships for themselves as opposed to memorization of facts. 7

Mathematical Practice 8: Look For and Express Regularity in Repeated Reasoning
Activities throughout the Carnegie Learning instructional materials provide opportunities for students to make observations, notice patterns, and make generalizations. Students are required to communicate their generalizations verbally and symbolically. This understanding will lead to greater transfer and ability to solve non-routine problems. As teachers facilitate

	discussions they should be highlighting important connections, efficient strategies, and conclusions. **Evidence of Effectiveness / Case Studies:** The U.S. Department of Education awarded a $6 million grant to RAND Corporation, the gold standard of independent and reliable research, to study the effectiveness of Carnegie Learning's "Cognitive Tutor Algebra I" blended curriculum over two years. No other high school or middle school curriculum has been subjected to research this comprehensive. It included over 18,000 students across 147 schools that were assigned randomly and measured students and schools of all abilities, demographics, geographic locations, etc. Random assignment helps to ensure there is no bias in selecting participants or influencing outcomes. The RAND Corporation research showed that students using the blended learning curriculum experienced an eight percentile improvement over the control group in math scores in the second year of implementation. That jump equates to a 20 to 30 point improvement on the SAT math section (College Board 2012). Having all students in a school experience such large improvements could have a transformative effect on the school's performance in mathematics—moving a poor performing school to an average one (Lipsey et al). In 2002, the Miami-Dade County district (FL) implemented Carnegie Learning math curricula to improve math outcomes in the classroom and on state tests for its middle- and high-school students. An independent study in 2004 showed that the students using Carnegie Learning curricula, which was aligned to and correlated with Florida state standards and tests, scored significantly higher on state tests than students using conventional curriculum students. As a result, the district expanded implementation, and Carnegie Learning is now in 51 schools across the county. Early field tests (1992-93) in Pittsburgh (PA) Public Schools showed that more than 68% of the students using Carnegie Learning's Cognitive Tutor curriculum passed Algebra 1, compared to only 43% of the students who followed the traditional curriculum. Following these studies, school districts in Pennsylvania and Wisconsin conducted a one-year comparative study and found that students using Carnegie Learning curricula scored 50% to 100% higher in end-of-year problem-solving tests than students in traditional math courses. Following one rigorous, randomized controlled study of the Cognitive Tutor Algebra 1 curriculum in Oklahoma in 2001, Carnegie Learning's Cognitive Tutor was recognized by the What Works Clearinghouse as one of only two middle school math curricula with high-quality evidence of significant achievement.

Main Components & Ancillary Items Needed for Implementation:	All components outlined in this section are available via the Carnegie Learning Online Resource Center. The main components of the Carnegie Learning Algebra I 3rd Edition includes a *Student Text* and a *Teacher's Implementation Guide* and *Teachers Resources and Assessments*. The *Student Text* is the primary classroom resource. The consumable text is a record of the student's thinking, reasoning, and problem solving. Student lessons interleave questions, instructions, and worked examples to engage students. The text is three-hole punched and perforated for ease of use. The *Teacher's Implementation Guide* is a resource for understanding the overall instructional design, planning, guiding and facilitating student learning. The Front Matter of this resource contains valuable information about the Carnegie Learning High School Math Series. • The Research section discusses the motivational and learning research behind the materials. • The Product Information section discusses the three overarching ideas of the materials: Engage and Motivate, Promote Deep Conceptual Understanding, and Powerful, On-Going Formative Assessment • The Instructional Design section describes the how the lessons are structured and the questioning strategies used throughout. • The Planning section provides a template for teachers to use when considering how to create access, maintain access, and assess student knowledge for each lesson. • The Standards for Mathematical Practice section describes how the instructional materials support students' development of the practices. The *Teacher's Implementation Guide* provides implementation and research notes on the various features and Problem Types (Worked Example, Thumbs Down, Thumbs Up, Who's Correct?) students experience throughout their use of the materials. These include: • Dear Student Letter • The Crew • Mathematical Representations • Academic Glossary • Problem Types You Will See Each chapter in the *Teacher's Implementation Guide* contains a Chapter Overview. This overview begins with a narrative of the organizing concepts of the chapter, and includes a lesson summary table and a *Skills Practice* summary table. The lesson summary table includes: the Common Core State Standards addressed, pacing suggestions, lesson highlights, and the various Problem Types (Models, Worked Examples, Peer Analysis, Talk the Talk, and Technology). The *Skills Practice* summary table

outlines the available problem sets with objectives for each lesson.

Each lesson in the *Teacher's Implementation Guide* contains a detailed narrative of the concepts of the lesson and how the lesson unfolds. It also includes a lesson map with the Essential Ideas, the standards addressed, the key terms, the learning goals, any materials needed to facilitate the activities, and a warm-up exercise. There are mathematical representation process icons throughout the lesson as guides on how to facilitate and chunk the lesson into parts for individual, small group, whole class discussion, work time, and presentations. Throughout each lesson, relevant teacher notes include:

- a description of the mathematical concepts embedded and the flow of the task;
- grouping suggestions;
- additional questions for the teacher to prompt student responses to clarify, justify, or extend their thinking; and
- common student misconceptions.

A Check For Understanding question is provided at the end of each lesson. These questions help teachers ascertain how well students understood the learning goals of the lesson.

The *Teacher's Resources and Assessments* contain five tests per each chapter of the *Student Text*: a pre-test, a post-test, a mid-chapter test, an end-of-chapter test, and a standardized practice test. Answers to the student assignments, student skills practice, and assessments are also provided. All tests, as well as all the items in the *Skills Practice* and *Student Assignment* books are available through ExamView, which allows the ability to quickly, and easily create additional resources.

Ancillary items include Student Assignments Online Workbook and a Student Skills Practice Online Workbook.

The *Student Skills Practice* book is a resource of problems sets to differentiate practice for the component skills of each lesson. Each *Skills Practice* worksheet contains two sections—vocabulary and problem sets. The vocabulary section provides additional practice with the key terminology introduced or developed within the lesson through a variety of tasks such as matching, fill-in-the-blank, and identifying similarities and differences. The problem sets should be assigned as needed based on formative assessment. The reasoning and solution for the first question in each problem set is provided as a guide for students on how to complete the exercise and display the mathematical reasoning and correct solution. The answers for the odd question are provided to the student. These can be used during study periods and home connection activities.

Additional Implementation resources can be found in the Carnegie Learning Online Resource Center. Teachers have access to a plethora of content which includes:

- A Course Content Map provides an overview of each activity within each lesson of each chapter in the instructional materials. The document includes the Standards addressed in each activity and if the content from that standard is being introduced, practiced, synthesized, or reviewed; suggested pacing for each activity; and content connections between activities, to prior knowledge and for future learning.
- The Online PD section provides a variety of videos focused on instructional strategies, implementation best practices and educational research topics.
- The Community section offers resources that have been posted by other teachers using the Carnegie Learning instructional materials.
- The Home Connection section offers resources to help both the teacher and parent understand Carnegie Learning's methodology. In addition, links provide parents/guardians with ways to support student's success in their mathematics class.
- The Online Professional Development section of the Carnegie Learning Resource Center contains videos that cover a variety of implementation strategies and educational research topics.

Professional Development /Training Required?

[x] **YES** [ ]

Carnegie Learning shares the beliefs described in the NCTM (2014) publication *Principles to Action, Executive Summary.*
"…standards do not teach; teachers teach. …effective teaching is the nonnegotiable core that ensures that all students learn mathematics at high levels and that such teaching requires a range of actions at the state or provincial, district, school, and classroom levels. "(p. 4)
Beyond the supports found in the Teacher's Implementation Guide and the Carnegie Learning Online Resource Center, Carnegie Learning offers extensive professional development to support the fidelity of implementation and teacher content knowledge. The range of professional development includes Teacher Content Academies, initial implementation training, ongoing in-classroom support, and administration and technical training. Additional training is offered online and through webinars.

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If applicable, explain in-service training, required, number of hours and fees associated with service:

Initial Implementation Training

To ensure that each implementation is successful, Carnegie Learning has developed a quality initial implementation training plan which includes a recommended two-day training plan for text only adoptions. This professional development experience, delivered by highly trained Carnegie Learning professional development specialists, can be delivered onsite. Implementation specialists are current or former users of the curriculum. They provide content and pedagogical guidance as well as model instruction and best practices.

During initial implementation workshop, participants experience the research-based instructional model. Participants will:

- Develop an understanding of the foundation of Carnegie Learning curricula
- Learn best practices for using Carnegie Learning Math Series print materials
- Experience the print curriculum by participating in model student lessons
- Develop an understanding of the collaborative classroom
- Learn the intent behind and how to access instructional support tools, including the Carnegie Learning Resource Center
- Develop the ability to make short-term and long-term instructional planning decisions with the Carnegie Learning materials
- Develop effective scaffolding and extension questioning strategies to support students' conceptual understanding of mathematics

Professional development is scheduled prior to the school year. Each day of the workshop has a particular emphasis:

(1) Introduction to Carnegie Learning Pedagogy and Resources

(2) Student-Centered Classrooms and Planning with Carnegie Learning materials

Day 1. Introduction to Carnegie Learning Pedagogy and Resources: Participants begin their training by experiencing a student-centered classroom lesson as a student. Teachers work through a Lesson, with the implementation specialist modeling instruction. At the conclusion of the activity, the implementation specialist will review the instructional process and discuss the mathematics demonstrated during the lesson. The implementation specialist will facilitate an interactive discussion about student-centered classrooms and collaborative learning. The group will share ideas and suggestions on establishing the correct environment and expectations, setting up groups, facilitating work, and sharing solutions both informally and formally. The participants will end the day becoming acquainted with the various teacher and student resources.

Day 2. Student-Centered Classrooms and Planning with Carnegie Learning materials: The questions teachers ask to support student learning is an important indicator of what students will learn. During day 2, the implementation specialist will model another lesson, focusing on questions and questioning strategies, after which the group will discuss effective questions and facilitating their own students' learning through questioning. The final activities focus on long-term and short-term planning, using the Carnegie Learning resources. Our goal is for teachers to feel ready for the first day of instruction by the conclusion of the workshop.

Additional ongoing professional development can be purchased and is tailored to the needs of individual districts and campuses.

FEES:

Initial Implementation Workshop Options:

Onsite Professional Development

• $2,500/day

• Includes PD materials for up to 25 attendees

• Teacher Text Sets sold separately

Regional Professional Development (where available)

• $685/attendee

• Includes PD materials for attendee

• Teacher Text Sets sold separately

Online Professional Development

• $450/2-hour session

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Electronic access to textbooks in PDF format (e-text)
Cross Platform Functionality:	E-text can be accessed from Windows and MacOS platforms, as well as any iOS and Android/Chrome platforms with PDF readers.
Plugins Needed: (Flash, Shockwave)	E-text does not require any plug-ins.
Screen Resolution:	E-text does not have a minimum screen resolution.
Connectivity Speed Requirement:	E-text does not have a minimum bandwidth requirement. Full and current system requirements can be found at http://www.carnegielearning.com/resources-support/tech-support/system-requirements/
Mobile Device Capability:	E-text can be accessed from any mobile device with PDF reader capability.
Licensing Model(s): (Subscription, 1 yr., etc.)	E-text is licensed on a yearly per-student subscription model.
Updating Process: (How often, auto updates, etc.)	E-text content is updated periodically throughout the year to include updates and corrections. Updates should be transparent to the customer.
Tools & Features:	Resource Center which includes online versions of all student and teacher print materials, home connection information, and online professional development

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: **(this must match Submission/Bid Form & Sample)** Carnegie Learning, Inc.	**Title of Material:** **(this must match Submission/Bid Form & Sample)** Carnegie Learning Geometry 3rd Edition (Print only)	**Copyright:** **(this must match Submission/Bid Form & Sample)** 2013 **ISBN number:** **(must match Submission-Bid Form & Sample)** 978-1-60972-216-6
Subject Area: **(this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample)** Mathematics	**Author(s):** **(this must match Submission/Bid Form & Sample)** David Dengler, Mary Lou Metz, Jaclyn Snyder	**Grade Level:** **(this must match Submission/Bid Form & Sample)** HS
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Common Core State Mathematics (2013)		

Key Features: **(This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)**

The Carnegie Learning Geometry 3rd Edition text was developed to support students as they build their mathematical understanding and make connections both from previous years and within the different mathematical clusters outlined in the Common Core State Standards for Mathematics, as specified in Appendix A Pathways. The materials were strongly influenced by research into how students learn mathematics and how to best motivate them to succeed academically.

The instructional design of the Carnegie Learning Geometry 3rd Edition text includes:

- A student-centered approach that focuses on students thinking about and discussing mathematics as active participants in their learning.
- Tasks that make use of models—real-world situations, graphs, diagrams, and worked examples, among others—to help students see and make connections between different topics.
- Questions written to promote analysis, to develop higher-order-thinking skills, and to encourage students to seek mathematical relationships.

The instructional materials provide investigations, applications, and practice with on-course-level problems. The consumable *Student Text* is the primary classroom resource and provides a record of the students' thinking, reasoning, and problem solving. The Lessons, each comprised of several Problems, were written to engage and motivate students, develop conceptual understanding and procedural fluency, and provide opportunities for them students to assess their own understanding. The goal of the instructional materials is for students to view mathematics as a set of related topics rather than as a set of discrete topics. Students should understand why algorithms work, not just memorize procedures.

Each Lesson within the Student Text:

- Demonstrates the usefulness of mathematics in the real world
- Provides access for all students
- Connects to and builds upon prior knowledge and experiences
- Develops conceptual and procedural knowledge
- Requires thinking, modeling, reasoning, and explaining mathematical ideas
- Engages students in accountable discourse
- Provides opportunities to assess student understanding

Each Problem within a Lesson exhibits one of these attributes:

- New concept development through problem solving and investigations
- Continued practice of concepts in new situations
- Immediate practice for concepts that have been developed
- Distributive practice to reach mastery and to allow for connections to prior concepts
- Synthesis of key mathematical concepts and understandings

Student Assignments and *Skills Practice Worksheets* additional practice and engagement through the Carnegie Learning Online Resource Center. The *Student Assignments* provide opportunities for students to practice and apply their understanding of the mathematical objectives addressed in the corresponding student lesson. The *Student Skills Practice* is a supplemental resource that provides targeted practice of discrete skills within each student lesson. Each *Skills Practice* worksheet contains two sections—vocabulary and problem sets. Also provided on the Carnegie Learning Online Resource Center are See It-Try It videos. These videos explore, animate, or demonstrate a key concept or collection of concepts. Each video is tagged with its corresponding text Lesson and Problem.

Each chapter includes a variety of *Assessments,* e.g., Pre-test, Post-test, Mid-Chapter, End of chapter, and Standardized Test Practice. Additionally, *Assessments* and additional practice worksheets can easily be generated through the ExamView test generator.

Carnegie Learning Geometry 3rd Edition Table of Contents

- Tools of Geometry
- Introduction to Proof
- Perimeter and Area of Geometric Figures on the Coordinate Plane
- Three-Dimensional Figures
- Properties of Triangles
- Similarity Through Transformations
- Congruence Through Transformations
- Using Congruence Theorems
- Trigonometry
- Properties of Quadrilaterals
- Circles
- Arcs and Sectors of Circles
- Circles and Parabolas
- Probability

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Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	Carnegie Learning print materials are structured to be used daily and can be used as whole class instruction, small group work, or other groupings. Within each student lesson, questions, instruction, and worked examples are interwoven to engage students as they develop their own mathematical understandings. Each chapter is designed to accommodate a variety of learners with instructional features that include relevant lesson openers, warm-ups, learning objectives, academic vocabulary, pre-written student methods, error analysis, sorting activities, and many others. Carnegie Learning's Geometry 3rd Edition is **based on over 20 years of research** into how students think, learn and apply new knowledge in mathematics. The materials are developed to take students from their intuitive understanding of the world and apply that to the mathematics they are learning, and then bridge to more formal and sophisticated mathematical comprehension. Three key ideas provide the foundation for Carnegie Learning materials – engage and motivate students, promote deep conceptual understanding, and provide powerful formative ongoing assessment. The Carnegie Learning High School Math Series promotes a student-centered, collaborative classroom with a key instructional goal to get students to think about and discuss math. Mathematical reasoning is intrinsic in the materials. Students are active participants in their learning; they are doing the work, presenting the work, and critiquing each other's thinking. Each Problem ends with the statement, "Be prepared to share your solutions and methods." Students are expected to communicate their reasoning and critique the explanation of others. As students explain their problem-solving steps or the rationale, they internalize the processes and reasoning behind the mathematics. The role of the teacher is to facilitate the discussion and highlight the important connections, strategies, and conclusions. The notes throughout the *Teacher's Implementation Guide* provide recommendations for grouping students and provide additional guiding questions for the discuss-and-share phases of the Lesson. If teachers expect students to work well together, students need to understand what it means and how it benefits them. It is recommended that teachers establish classroom guidelines and structure groups to create a community of learners. When teachers facilitate groups, they should listen carefully and value diversity of thought, redirect student's questions with guiding questions, provide additional support to those struggling with a task, and hold groups accountable for an end product. During the share phase of the Lesson, teachers should make their expectations clear, require that students defend and talk about their solutions, and monitor student progress by checking for understanding. The goal at all times is to present a curriculum that is **engaging and effective.**

Best Practices in Program Design:	Carnegie Learning, Inc. is an active research company that continually participates in research, publishes in peer-reviewed journals, and presents at national conferences. The Carnegie Learning instructional materials feature best practices based on research into how students learn and how to best motivate students to succeed academically. Studies of learning emphasize that students learn best when they actively engage with new knowledge. While some highly motivated students will make the mental effort to actively incorporate lecture information, most students find it difficult to sustain the engagement required to benefit from such instruction. In contrast, active learning approaches, in which students interact with material, construct artifacts and discuss their approach and understanding, are more likely to sustain student attention and to assist students in building understanding. Chi (2009) provides a model which bridges between the psychology of learning and the practical necessities of the classroom. This model is called ICAP: **I**nteractive, **C**onstructive, **A**ctive, **P**assive. It draws from studies that show that, as instruction moves up the scale from passive to interactive, learning becomes more robust. Interactive instruction requires students to communicate and come to a shared understanding of the content. Consistent with Chi's recommendations for classroom instruction, the instructional approach in Carnegie Learning's instructional material emphasizes engaged learning where students construct work products, discuss their approaches and actively engage with content. Teachers can compare and contrast student solutions and promote interactive dialogue among students. Carnegie Learning's recommended classroom environment is designed to encourage active dialogue centered on structured activities. One particularly effective structure for collaboration is "think-pair-share" (Lyman, 1981) in which students think about the goals and initial approach to solving the problem, pair up for interactive problem-solving, and then share their results with the rest of the class. Notes in the Teacher's Implementation Guide provide recommendations for grouping students and provide guiding questions for each portion of a lesson to facilitate instruction. Process icons (indicating "think", "pair", "share", "discuss") appear throughout each Lesson as helpful prompts for students and teacher instructional decision-making. The goal of Carnegie Learning's instructional materials is to employ different types of educational activities and problem types. The activities within Carnegie Learning's Geometry text have been constructed to support various learning processes and promote deep, conceptual understanding. Deep understanding means that concepts are well represented and well connected to other concepts. Promoting deep conceptual understanding is demonstrated throughout the Carnegie Learning Algebra I text. The tasks make extensive use of models—real-world situations, manipulatives, graphs, and diagrams, among others—to help students see and make connections between different topics. Within each lesson students engage in tasks as they develop their own mathematical understanding. The lessons are structured to provide students with various opportunities to reason, to model, and to expand on explanations about mathematical ideas. The over-arching questioning strategy throughout the text promotes analysis and higher order thinking

skills beyond simple "yes" or "no" responses. By explaining problem-solving steps or the rationale for a solution, students will internalize the processes and reasoning behind the mathematics.

To achieve the learning goals of each lesson, students will respond to questions that ask them to:

- Look for patterns
- Estimate
- Predict
- Describe
- Determine
- Represent
- Compare and contrast
- Calculate
- Solve
- Write a rule
- Generalize
- Explain your reasoning

Additional embedded problem types include Worked Examples. ***These problems are presented in solved form so students do not need to make the choices that would be required in problem solving. Worked examples can serve the same understanding and sense-making goals as problem solving.***

Students often read worked examples without deep thought about the role of various steps in the overall solution path. Research supports the notion that the educational value of worked examples lies in thinking about how the steps connect to each other and how particular steps might be added, omitted or changed, depending on context. Chi et al. (1994) found that prompting students to self-explain while reading examples led to better learning.

Within Carnegie Learning's Geometrytext worked examples provide a means for students to view the flow of each step taken to solve the example problem. In most cases, students will answer questions posed about the worked example. The questions are designed to serve as a model for self-questioning and self-explanations which is useful because some students don't do this naturally. The questions represent and mimic an internal dialog about the mathematics and the strategies. This approach doesn't allow students to skip over the example without interacting with it, thinking about it, and responding to the questions. This approach will help students develop the desired habits of mind for being conscientious about the importance of steps and their order.

One concern with self-explanation is that students may erroneously generalize from an example. There are often multiple explanations for how one step might follow from another, so how are we to correct misconceptions that students may have? Several recent studies have found that asking students to find errors in erroneous examples or asking students to determine which of several solution methods is correct can lead to better generalizations (Durkin & Rittle-Johnson, 2009; Rittle-Johnson & Star, 2007; Siegler, 2002; Booth, Koedinger & Siegler, 2007). For this reason, Carnegie Learning's instructional materials include variants of worked examples focused on ensuring that students are able to analyze and understand the relationship between the steps taken to complete a problem and the overall problem strategy as in the following:

- Thumbs up/Thumbs down – These activities show solution paths to a problem--some of which are labeled as correct (thumbs up) and some of which are incorrect (thumbs down). Students are asked to review these solutions and explain why a particular approach either succeeded or failed.

- Who's Correct? – In these activities students are shown several solutions to a problem and are asked to identify which of the solution paths led to the correct answer and why.

Many lessons contain a specific Problem named Talk the Talk. This provides open-ended questions requiring students to summarize and generalize their mathematical understandings of key concepts. This is an opportunity for students to demonstrate their understanding of essential concepts and make connections between concepts they have previously learned- one purpose of Performance Tasks. Each Talk the Talk is written so students can formatively assess their own understanding by providing appropriate reasoning and evidence.

Hausmann and VanLehn (2007) found that embedding self-explanation prompts within learning materials could encourage students to more thoughtfully self-explain. Student and teacher characters are embedded throughout the Carnegie Learning Algebra I text to remind students to stop and think about the context, the mathematics, or prior skills in order to promote productive reflection.

An Academic Glossary is included in the Front Matter of the *Student Text* to provide support for understanding important terms (e.g. analyze, represent, and explain your reasoning) that students will encounter while working through each lesson. The graphic organizers shown in the Academic Glossary display a definition, related words, sample questions, and examples to help students know what is meant by specific terms and how they are used to think, reason, and communicate ideas. In addition, graphic organizers are provided to support students as they work with the different problem types, e.g. Worked Examples, Thumbs Up, Thumbs Down, and Who's Correct?

Carnegie Learning's GeometryI text thoughtfully leads and supports students to develop an understanding of mathematical ideas. The materials were designed to teach students that math is relevant, not because it comes with a rule book that must be followed in a rote manner, but because it provides a common and useful language for discussing and solving complex problems in everyday life.

Standards for Mathematical Practice
The Standards for Mathematical Practice describe varieties of expertise that mathematics educators at all levels should seek to develop in their students. These practices rest on important "processes and proficiencies" with longstanding importance in mathematics education. The first of these are the NCTM process standards of problem solving, reasoning and proof,

communication, representation, and connections. The second are the strands of mathematical proficiency specified in the National Research Council's report Adding It Up: adaptive reasoning, strategic competence, conceptual understanding (comprehension of mathematical concepts, operations and relations), procedural fluency (skill in carrying out procedures flexibly, accurately, efficiently, and appropriately), and productive disposition.

Each lesson within a Carnegie Learning text provides opportunities for students to think, reason, and communicate their mathematical understanding. Expertise is a long-term goal and students must be encouraged to apply these practices to new content throughout their school career. Effective communication and collaboration are essential skills of a successful learner. It is through dialogue and discussion of different strategies that students become knowledgeable, independent learners.

Mathematical Practice 1: Make Sense of Problems and Persevere in Solving Them
The Carnegie Learning implementation model (discuss, think, pair, share) provides a classroom environment for students to make sense of problems, develop strategies, persevere in implementing the strategy, and analyze the results. As students work collaboratively through problems, they will plan and execute a solution strategy. It is the responsibility of each group member to monitor and evaluate the progress of the group and to make suggestions for changing course, if necessary. The teacher should circulate through the room monitoring students' work, assessing progress, and redirecting with guided questions.

To bring closure and provide a summary for each problem, teachers should ask thought-provoking questions that require students to explain their thinking and process as well as allowing multiple groups to present their solutions. Discussion can be generated around alternate solution paths, connections to prior concepts, and generalizations.

Mathematical Practice 2: Reason Abstractly and Quantitatively
The scenarios throughout the Carnegie Learning instructional materials help students recognize and understand that quantitative relationships seen in the real-world are no different than quantitative relationships in mathematics. Some problems begin with a real-world context to remind students that the quantitative relationships they already use can be formalized mathematically. Other problems will use real-world situations as an application of mathematical concepts.

Mathematical Practice 3: Construct Viable Arguments and Critique the Reasoning of Others
In a Carnegie Learning classroom, students are active participants in their learning; they are doing the work, presenting solutions, and critiquing each other. The role of the teacher is to facilitate the discussion and highlight important connections, strategies, and conclusions. Each lesson ends with the statement "Be prepared to share your methods and solutions." Students are expected to be able to communicate their reasoning and critique the explanation of others. As students explain problem-solving steps or the rationale for a solution, they will internalize the processes and reasoning behind the mathematics.

In addition, many lessons include peer analysis problem types—thumbs up, thumbs down, and Who's Correct? These problems help students make inferences about correct and incorrect responses. These types of problems will also help students analyze their own work for errors and correctness.

Mathematical Practice 4: Model with Mathematics
Activities throughout the Carnegie Learning instructional materials provide opportunities for students to create and use multiple representations (words, tables, graphs, and symbolic statements) to organize, record, and communicate mathematical ideas. Manipulatives and various models are incorporated throughout to develop a conceptual understanding of mathematical concepts. These activities provide opportunities for students to develop strategies and reasoning that will serve as the foundation for learning more abstract mathematics. To foster the transfer of student understanding from concrete manipulatives to the abstract procedures, a variety of instructional prompts are used.

Mathematical Practice 5: Use Appropriate Tools Strategically
Activities throughout the Carnegie Learning instructional materials facilitate the appropriate use of tools including calculators, rulers, protractors, compasses, and manipulatives. Tools are used in a variety of ways—to build conceptual understanding, to explore concepts, and to verify solutions. Worked examples are provided as appropriate within lessons to demonstrate how to use the various tools. An overarching instructional theme of the text is to provide students with various strategies and help them understand when to use certain strategies for exact answers, estimation, and efficiency.

Mathematical Practice 6: Attend to Precision
Each lesson throughout the Carnegie Learning instructional materials provides opportunities for students to communicate precisely when writing in their consumable books, and then sharing their solutions with their peers. It is the responsibility of the teacher to ensure that students label units of measure and explain their reasoning using appropriate definitions and mathematical language. The answers provided in the Teacher's Implementation Guide are exemplars of student responses and model precision appropriately. A Vocabulary section is included in the Skills Practice for each lesson that provides additional opportunities to use appropriate definitions and mathematical language.

Mathematical Practice 7: Look for and Make Use of Structure
Activities throughout the Carnegie Learning instructional materials provide opportunities for students to analyze numeric, geometric, and algebraic patterns. Accompanying questions help students notice relationships for themselves as opposed to memorization of facts. 7

Mathematical Practice 8: Look For and Express Regularity in Repeated Reasoning
Activities throughout the Carnegie Learning instructional materials provide opportunities for students to make observations, notice patterns, and make generalizations. Students are required to communicate their generalizations verbally and symbolically. This understanding will lead to greater transfer and ability to solve non-routine problems. As teachers facilitate

discussions they should be highlighting important connections, efficient strategies, and conclusions.

Evidence of Effectiveness / Case Studies:
The U.S. Department of Education awarded a $6 million grant to RAND Corporation, the gold standard of independent and reliable research, to study the effectiveness of Carnegie Learning's "Cognitive Tutor Algebra I" blended curriculum over two years. No other high school or middle school curriculum has been subjected to research this comprehensive. It included over 18,000 students across 147 schools that were assigned randomly and measured students and schools of all abilities, demographics, geographic locations, etc. Random assignment helps to ensure there is no bias in selecting participants or influencing outcomes.

The RAND Corporation research showed that students using the blended learning curriculum experienced an eight percentile improvement over the control group in math scores in the second year of implementation. That jump equates to a 20 to 30 point improvement on the SAT math section (College Board 2012). Having all students in a school experience such large improvements could have a transformative effect on the school's performance in mathematics—moving a poor performing school to an average one (Lipsey et al).
In 2002, the Miami-Dade County district (FL) implemented Carnegie Learning math curricula to improve math outcomes in the classroom and on state tests for its middle- and high-school students. An independent study in 2004 showed that the students using Carnegie Learning curricula, which was aligned to and correlated with Florida state standards and tests, scored significantly higher on state tests than students using conventional curriculum students. As a result, the district expanded implementation, and Carnegie Learning is now in 51 schools across the county.

Early field tests (1992-93) in Pittsburgh (PA) Public Schools showed that more than 68% of the students using Carnegie Learning's Cognitive Tutor curriculum passed Algebra 1, compared to only 43% of the students who followed the traditional curriculum. Following these studies, school districts in Pennsylvania and Wisconsin conducted a one-year comparative study and found that students using Carnegie Learning curricula scored 50% to 100% higher in end-of-year problem-solving tests than students in traditional math courses.

Following one rigorous, randomized controlled study of the Cognitive Tutor Algebra 1 curriculum in Oklahoma in 2001, Carnegie Learning's Cognitive Tutor was recognized by the What Works Clearinghouse as one of only two middle school math curricula with high-quality evidence of significant achievement.

The van Heile model is a theory that describes how students learn geometry. Two Dutch educators, Dina van Heile-Geldof and Pierre van Hiele, created a research-based framework for designing a geometry curriculum. Their theory describes five levels of geometric understanding that in general relate to student experiences rather than age. The van Hieles postulated that students must pass through these levels of understanding to achieve mastery in a content area. Research suggests that most students enter a high school geometry course thinking at Level 1 (Visualization) or Level 2 (Analysis).

The van Hiele Model of Geometric Thought		
Level 1	Visualization	Students make decisions based on perception not reasoning.
Level 2	Analysis	Students can recognize names and properties but do not see relationships between those properties.
Level 3	Abstraction	Students can create meaningful definitions and give informal arguments, but the role/significance of formal deduction is not understood.
Level 4	Deduction	Students should be able to construct proofs.
Level 5	Rigor	Students understand the formal aspects of deduction; they can use indirect proof and proof by contrapositive.

The van Hieles also proposed five sequential phases for guiding students from one level to the next on a given mathematical concept. These learning phases are in line with the methodology Carnegie Learning incorporates into all of its mathematics instruction. Students achieve mastery when they are presented with quality tasks that engage them in the mathematics. The table demonstrates Carnegie Learning's correlation to the van Hiele' phases of learning.

Van Hieles' Phases of Learning		Carnegie Learning Geometry Text
Information	Through discussion, the teacher identifies what students know and students become oriented to the new topic.	Introduction problems are presented for each chapter to assist the teacher in assessing students' prior knowledge of the key concepts of the chapter. Icons throughout the student text support communication: discuss to understand, think by yourself, work in pairs, work in groups, and share solutions and methods with the class.
Guided Orientation	Students explore the topic through materials the teacher has carefully sequenced.	Students draw, sketch, construct, and measure. Through this exploration, students build an intuitive understanding of properties and characteristics of geometric figures. Questions guide student exploration.
Explication	Students describe what they have learned in their own	Students make conjectures from their explorations, prove each conjecture, and state

	words; the teacher introduces relevant mathematical terms.	formally as theorems. Key terms are introduced when relevant. Students write in a consumable book and explain their reasoning throughout.
Free Orientation	Students apply the relationships they are learning to solve problems.	Students use definitions, postulates, and theorems to prove additional theorems, just like Euclid. Students solve application problems.
Integration	Students summarize and integrate what they have learned, developing a new network of objects and relations.	Topics are connected; new knowledge is constructed from prior knowledge gained throughout the text. Students share solutions in pairs, in groups, and with the whole class.

Carnegie Learning's Geometry text thoughtfully leads and supports students to develop an understanding of mathematical ideas. The materials were designed to teach students that math is relevant, not because it comes with a rule book that must be followed in a rote manner, but because it provides a common and useful language for discussing and solving complex problems in everyday life.

Main Components & Ancillary Items Needed for Implementation:

All components outlined in this section are available via the Carnegie Learning Online Resource Center.

The main components of the Carnegie Learning Geometry 3rd Edition includes a *Student Text* and a *Teacher's Implementation Guide* and *Teachers Resources and Assessments*.

The *Student Text* is the primary classroom resource. The consumable text is a record of the student's thinking, reasoning, and problem solving. Student lessons interleave questions, instructions, and worked examples to engage students. The text is three-hole punched and perforated for ease of use.

The *Teacher's Implementation Guide* is a resource for understanding the overall instructional design, planning, guiding and facilitating student learning. The Front Matter of this resource contains valuable information about the Carnegie Learning High School Math Series.

- The Research section discusses the motivational and learning research behind the materials.
- The Product Information section discusses the three overarching ideas of the materials: Engage and Motivate, Promote Deep Conceptual Understanding, and Powerful, On-Going Formative Assessment
- The Instructional Design section describes the how the lessons are structured and the questioning strategies used throughout.
- The Planning section provides a template for teachers to use when considering how to create access, maintain access, and assess student knowledge for each lesson.
- The Standards for Mathematical Practice section describes how the instructional materials support students' development of the practices.

The *Teacher's Implementation Guide* provides implementation and research notes on the various features and Problem Types (Worked Example, Thumbs Down, Thumbs Up, Who's Correct?) students experience throughout their use of the materials. These include:

- Dear Student Letter
- The Crew
- Mathematical Representations
- Academic Glossary
- Problem Types You Will See

Each chapter in the *Teacher's Implementation Guide* contains a Chapter Overview. This overview begins with a narrative of the organizing concepts of the chapter, and includes a lesson summary table and a *Skills Practice* summary table. The lesson summary table includes: the Common Core State Standards addressed, pacing suggestions, lesson highlights, and the various Problem Types (Models, Worked Examples, Peer Analysis, Talk the Talk, and Technology). The *Skills Practice* summary table outlines the available problem sets with objectives for each lesson.

Each lesson in the *Teacher's Implementation Guide* contains a detailed narrative of the concepts of the lesson and how the lesson unfolds. It also includes a lesson map with the Essential Ideas, the standards addressed, the key terms, the learning goals, any materials needed to facilitate the activities, and a warm-up exercise. There are mathematical representation process icons throughout the lesson as guides on how to facilitate and chunk the lesson into parts for individual, small group, whole class discussion, work time, and presentations. Throughout each lesson, relevant teacher notes include:

- a description of the mathematical concepts embedded and the flow of the task;
- grouping suggestions;
- additional questions for the teacher to prompt student responses to clarify, justify, or extend their thinking; and
- common student misconceptions.

A Check For Understanding question is provided at the end of each lesson. These questions help teachers ascertain how well students understood the learning goals of the lesson.

The *Teacher's Resources and Assessments* contain five tests per each chapter of the *Student Text*: a pre-test, a post-test, a mid-chapter test, an end-of-chapter test, and a standardized practice test. Answers to the student assignments, student skills practice, and assessments are also provided. All tests, as well as all the items in the *Skills Practice* and *Student Assignment* books are available through ExamView, which allows the ability to quickly, and easily create additional resources.

Ancillary items include Student Assignments Online Workbook and a Student Skills Practice Online Workbook.

The *Student Skills Practice* book is a resource of problems sets to differentiate practice for the component skills of each lesson. Each *Skills Practice* worksheet contains two sections—vocabulary and problem sets. The vocabulary section provides additional practice with the key terminology introduced or developed within the lesson through a variety of tasks such as matching, fill-in-the-blank, and identifying similarities and differences. The problem sets should be assigned as needed based on formative assessment. The reasoning and solution for the first question in each problem set is provided as a guide for students on how to complete the exercise and display the mathematical reasoning and correct solution. The answers for the odd question are provided to the student. These can be used during study periods and home connection activities.

Additional Implementation resources can be found in the Carnegie Learning Online Resource Center. Teachers have access to a plethora of content which includes:

- A Course Content Map provides an overview of each activity within each lesson of each chapter in the instructional materials. The document includes the Standards addressed in each activity and if the content from that standard is being introduced, practiced, synthesized, or reviewed; suggested pacing for each activity; and content connections between activities, to prior knowledge and for future learning.
- The Online PD section provides a variety of videos focused on instructional strategies, implementation best practices and educational research topics.
- The Community section offers resources that have been posted by other teachers using the Carnegie Learning instructional materials.
- The Home Connection section offers resources to help both the teacher and parent understand Carnegie Learning's methodology. In addition, links provide parents/guardians with ways to support student's success in their mathematics class.
- The Online Professional Development section of the Carnegie Learning Resource Center contains videos that cover a variety of implementation strategies and educational research topics.

Professional Development /Training Required? [x] **YES** [ ]

Carnegie Learning shares the beliefs described in the NCTM (2014) publication *Principles to Action, Executive Summary.*
"…standards do not teach; teachers teach. …effective teaching is the nonnegotiable core that ensures that all students learn mathematics at high levels and that such teaching requires a range of actions at the state or provincial, district, school, and classroom levels. "(p. 4)
Beyond the supports found in the Teacher's Implementation Guide and the Carnegie Learning Online Resource Center, Carnegie Learning offers extensive professional development to support the fidelity of implementation and teacher content knowledge. The range of professional development includes Teacher Content Academies, initial implementation training, ongoing in-classroom support, and administration and technical training. Additional training is offered online and through webinars.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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If applicable, explain in-service training, required, number of hours and fees associated with service:
Initial Implementation Training

To ensure that each implementation is successful, Carnegie Learning has developed a quality initial implementation training plan which includes a recommended two-day training plan for text only adoptions. This professional development experience, delivered by highly trained Carnegie Learning professional development specialists, can be delivered onsite. Implementation specialists are current or former users of the curriculum. They provide content and pedagogical guidance as well as model instruction and best practices.

During initial implementation workshop, participants experience the research-based instructional model. Participants will:

- Develop an understanding of the foundation of Carnegie Learning curricula
- Learn best practices for using Carnegie Learning Math Series print materials
- Experience the print curriculum by participating in model student lessons
- Develop an understanding of the collaborative classroom
- Learn the intent behind and how to access instructional support tools, including the Carnegie Learning Resource Center
- Develop the ability to make short-term and long-term instructional planning decisions with the Carnegie Learning materials
- Develop effective scaffolding and extension questioning strategies to support students' conceptual understanding of mathematics

Professional development is scheduled prior to the school year. Each day of the workshop has a particular emphasis:
(1) Introduction to Carnegie Learning Pedagogy and Resources
(2) Student-Centered Classrooms and Planning with Carnegie Learning materials

Day 1. Introduction to Carnegie Learning Pedagogy and Resources: Participants begin their training by experiencing a student-centered classroom lesson as a student. Teachers work through a Lesson, with the implementation specialist modeling instruction. At the conclusion of the activity, the implementation specialist will review the instructional process and discuss the mathematics demonstrated during the lesson. The implementation specialist will facilitate an interactive discussion about student-centered classrooms and collaborative learning. The group will share ideas and suggestions on establishing the correct environment and expectations, setting up groups, facilitating work, and sharing solutions both informally and formally. The participants will end the day becoming acquainted with the various teacher and student resources.

Day 2. Student-Centered Classrooms and Planning with Carnegie Learning materials: The questions teachers ask to support student learning is an important indicator of what students will learn. During day 2, the implementation specialist will model another lesson, focusing on questions and questioning strategies, after which the group will discuss effective questions and facilitating their own students' learning through questioning. The final activities focus on long-term and short-term planning, using the Carnegie Learning resources. Our goal is for teachers to feel ready for the first day of instruction by the conclusion of the workshop.

Additional ongoing professional development can be purchased and is tailored to the needs of individual districts and campuses.

FEES:
Initial Implementation Workshop Options:

Onsite Professional Development
• $2,500/day
• Includes PD materials for up to 25 attendees
• Teacher Text Sets sold separately

Regional Professional Development (where available)
• $685/attendee
• Includes PD materials for attendee
• Teacher Text Sets sold separately

Online Professional Development
• $450/2-hour session

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Electronic access to textbooks in PDF format (e-text)
Cross Platform Functionality:	E-text can be accessed from Windows and MacOS platforms, as well as any iOS and Android/Chrome platforms with PDF readers.
Plugins Needed: (Flash, Shockwave)	E-text does not require any plug-ins.
Screen Resolution:	E-text does not have a minimum screen resolution.
Connectivity Speed Requirement:	E-text does not have a minimum bandwidth requirement. Full and current system requirements can be found at http://www.carnegielearning.com/resources-support/tech-support/system-requirements/
Mobile Device Capability:	E-text can be accessed from any mobile device with PDF reader capability.
Licensing Model(s): (Subscription, 1 yr., etc.)	E-text is licensed on a yearly per-student subscription model.
Updating Process: (How often, auto updates, etc.)	E-text content is updated periodically throughout the year to include updates and corrections. Updates should be transparent to the customer.
Tools & Features:	Resource Center which includes online versions of all student and teacher print materials, home connection information, and online professional development

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Publishing Company Name: **(this must match Submission/Bid Form & Sample)** Carnegie Learning, Inc.	**Title of Material:** **(this must match Submission/Bid Form & Sample)** Carnegie Learning Algebra II 3rd Edition (Print only)	**Copyright:** **(this must match Submission/Bid Form & Sample)** 2013 **ISBN number:** **(must match Submission-Bid Form & Sample)** 978-1-60972-418-4
Subject Area: **(this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample)** Mathematics	**Author(s):** **(this must match Submission/Bid Form & Sample)** David Dengler, Sandy Bartle Finocchi, William S. Hadley, Mary Lou Metz	**Grade Level:** **(this must match Submission/Bid Form & Sample)** HS

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Common Core State Mathematics (2013)

Key Features: **(This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)**

The Carnegie Learning Algebra II 3rd Edition text was developed to support students as they build their mathematical understanding and make connections both from previous years and within the different mathematical clusters outlined in the Common Core State Standards for Mathematics, as specified in Appendix A Pathways. The materials were strongly influenced by research into how students learn mathematics and how to best motivate them to succeed academically. The instructional design of the Carnegie Learning Algebra II 3rd Edition text includes:

1. A student-centered approach that focuses on students thinking about and discussing mathematics as active participants in their learning.
2. Tasks that make use of models—real-world situations, graphs, diagrams, and worked examples, among others—to help students see and make connections between different topics.
3. Questions written to promote analysis, to develop higher-order-thinking skills, and to encourage students to seek mathematical relationships.

The instructional materials provide investigations, applications, and practice with on-course-level problems. The consumable *Student Text* is the primary classroom resource and provides a record of the students' thinking, reasoning, and problem solving. The Lessons, each comprised of several Problems, were written to engage and motivate students, develop conceptual understanding and procedural fluency, and provide opportunities for students to assess their own understanding. The goal of the instructional materials is for students to view mathematics as a set of related topics rather than as a set of discrete topics. Students should understand why algorithms work, not just memorize procedures.

Each Lesson within the Student Text:

- Demonstrates the usefulness of mathematics in the real world
- Provides access for all students
- Connects to and builds upon prior knowledge and experiences
- Develops conceptual and procedural knowledge
- Requires thinking, modeling, reasoning, and explaining mathematical ideas
- Engages students in accountable discourse
- Provides opportunities to assess student understanding

Each Problem within a Lesson exhibits one of these attributes:

- New concept development through problem solving and investigations
- Continued practice of concepts in new situations
- Immediate practice for concepts that have been developed
- Distributive practice to reach mastery and to allow for connections to prior concepts
- Synthesis of key mathematical concepts and understandings

Student Assignments and *Skills Practice Worksheets* additional practice and engagement through the Carnegie Learning Online Resource Center. The *Student Assignments* provide opportunities for students to practice and apply their understanding of the mathematical objectives addressed in the corresponding student lesson. The *Student Skills Practice* is a supplemental resource that provides targeted practice of discrete skills within each student lesson. Each *Skills Practice* worksheet contains two sections—vocabulary and problem sets. Also provided on the Carnegie Learning Online Resource Center are See It-Try It videos. These videos explore, animate, or demonstrate a key concept or collection of concepts. Each video is tagged with its corresponding text Lesson and Problem.

Each chapter includes a variety of *Assessments,* e.g., Pre-test, Post-test, Mid-Chapter, End of chapter, and Standardized Test Practice. Additionally, *Assessments* and additional practice worksheets can easily be generated through the ExamView test generator.

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1. Quantities and Relationships
2. Graphs, Equations, and Inequalities
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4. Sequences
5. Exponential Functions
6. Systems of Equations

1. Analyzing Data Sets for One Variable
2. Introduction to Quadratic Functions
3. Polynomials and Quadratics
4. Solving Quadratic Equations and Inequalities
5. Real Number Systems
6. Other Functions and Inverses

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	Carnegie Learning print materials are structured to be used daily and can be used as whole class instruction, small group work, or other groupings. Within each student lesson, questions, instruction, and worked examples are interwoven to engage students as they develop their own mathematical understandings. Each chapter is designed to accommodate a variety of learners with instructional features that include relevant lesson openers, warm-ups, learning objectives, academic vocabulary, pre-written student methods, error analysis, sorting activities, and many others. Carnegie Learning's Algebra II 3rd Edition is based on over 20 years of research into how students think, learn and apply new knowledge in mathematics. The materials are developed to take students from their intuitive understanding of the world and apply that to the mathematics they are learning, and then bridge to more formal and sophisticated mathematical comprehension. Three key ideas provide the foundation for Carnegie Learning materials – engage and motivate students, promote deep conceptual understanding, and provide powerful formative ongoing assessment. The Carnegie Learning High School Math Series promotes a student-centered, collaborative classroom with a key instructional goal to get students to think about and discuss math. Mathematical reasoning is intrinsic in the materials. Students are active participants in their learning; they are doing the work, presenting the work, and critiquing each other's thinking. Each Problem ends with the statement, "Be prepared to share your solutions and methods." Students are expected to communicate their reasoning and critique the explanation of others. As students explain their problem-solving steps or the rationale, they internalize the processes and reasoning behind the mathematics. The role of the teacher is to facilitate the discussion and highlight the important connections, strategies, and conclusions. The notes throughout the *Teacher's Implementation Guide* provide recommendations for grouping students and provide additional guiding questions for the discuss-and-share phases of the Lesson. If teachers expect students to work well together, students need to understand what it means and how it benefits them. It is recommended that teachers establish classroom guidelines and structure groups to create a community of learners. When teachers facilitate groups, they should listen carefully and value diversity of thought, redirect student's questions with guiding questions, provide additional support to those struggling with a task, and hold groups accountable for an end product. During the share phase of the Lesson, teachers should make their expectations clear, require that students defend and talk about their solutions, and monitor student progress by checking for understanding. The goal at all times is to present a curriculum that is engaging and effective**.**

Best Practices in Program Design:	Carnegie Learning, Inc. is an active research company that continually participates in research, publishes in peer-reviewed journals, and presents at national conferences. The Carnegie Learning instructional materials feature best practices based on research into how students learn and how to best motivate students to succeed academically. Studies of learning emphasize that students learn best when they actively engage with new knowledge. While some highly motivated students will make the mental effort to actively incorporate lecture information, most students find it difficult to sustain the engagement required to benefit from such instruction. In contrast, active learning approaches, in which students interact with material, construct artifacts and discuss their approach and understanding, are more likely to sustain student attention and to assist students in building understanding. Chi (2009) provides a model which bridges between the psychology of learning and the practical necessities of the classroom. This model is called ICAP: **I**nteractive, **C**onstructive, **A**ctive, **P**assive. It draws from studies that show that, as instruction moves up the scale from passive to interactive, learning becomes more robust. Interactive instruction requires students to communicate and come to a shared understanding of the content. Consistent with Chi's recommendations for classroom instruction, the instructional approach in Carnegie Learning's instructional material emphasizes engaged learning where students construct work products, discuss their approaches and actively engage with content. Teachers can compare and contrast student solutions and promote interactive dialogue among students. Carnegie Learning's recommended classroom environment is designed to encourage active dialogue centered on structured activities. One particularly effective structure for collaboration is "think-pair-share" (Lyman, 1981) in which students think about the goals and initial approach to solving the problem, pair up for interactive problem-solving, and then share their results with the rest of the class. Notes in the Teacher's Implementation Guide provide recommendations for grouping students and provide guiding questions for each portion of a lesson to facilitate instruction. Process icons (indicating "think", "pair", "share", "discuss") appear throughout each Lesson as helpful prompts for students and teacher instructional decision-making. The goal of Carnegie Learning's instructional materials is to employ different types of educational activities and problem types. The activities within Carnegie Learning's Algebra II text have been constructed to support various learning processes and promote deep, conceptual understanding. Deep understanding means that concepts are well represented and well connected to other concepts. Promoting deep conceptual understanding is demonstrated throughout the Carnegie Learning Algebra II text. The tasks make extensive use of models—real-world situations, manipulatives, graphs, and diagrams, among others—to help students see and make connections between different topics. Within each lesson students engage in tasks as they develop their own mathematical understanding. The lessons are structured to provide students with various opportunities to reason, to model, and to expand on explanations about mathematical ideas. The over-arching questioning strategy throughout the text promotes analysis and higher order thinking skills beyond simple "yes" or "no" responses. By explaining problem-solving steps or the rationale for a solution, students will internalize the processes and reasoning behind the mathematics.

To achieve the learning goals of each lesson, students will respond to questions that ask them to:

- Look for patterns
- Estimate
- Predict
- Describe
- Determine
- Represent
- Compare and contrast
- Calculate
- Solve
- Write a rule
- Generalize
- Explain your reasoning

Additional embedded problem types include Worked Examples. These problems are presented in solved form so students do not need to make the choices that would be required in problem solving. Worked examples can serve the same understanding and sense-making goals as problem solving.

Students often read worked examples without deep thought about the role of various steps in the overall solution path. Research supports the notion that the educational value of worked examples lies in thinking about how the steps connect to each other and how particular steps might be added, omitted or changed, depending on context. Chi et al. (1994) found that prompting students to self-explain while reading examples led to better learning.

Within Carnegie Learning's Algebra II text worked examples provide a means for students to view the flow of each step taken to solve the example problem. In most cases, students will answer questions posed about the worked example. The questions are designed to serve as a model for self-questioning and self-explanations which is useful because some students don't do this naturally. The questions represent and mimic an internal dialog about the mathematics and the strategies. This approach doesn't allow students to skip over the example without interacting with it, thinking about it, and responding to the questions. This approach will help students develop the desired habits of mind for being conscientious about the importance of steps and their order.
One concern with self-explanation is that students may erroneously generalize from an example. There are often multiple explanations for how one step might follow from another, so how are we to correct misconceptions that students may have? Several recent studies have found that asking students to find errors in erroneous examples or asking students to determine which of several solution methods is correct can lead to better generalizations (Durkin & Rittle-Johnson, 2009; Rittle-Johnson & Star, 2007; Siegler, 2002; Booth, Koedinger & Siegler, 2007). For this reason, Carnegie Learning's instructional materials include variants of worked examples focused on ensuring that students are able to analyze and understand the relationship between the steps taken to complete a problem and the overall problem strategy as in the following:

1. Thumbs up/Thumbs down – These activities show solution paths to a problem--some of which are labeled as correct (thumbs up) and some of which are incorrect (thumbs down). Students are asked to review these solutions and explain why a particular approach either succeeded or failed.

2. Who's Correct? – In these activities students are shown several solutions to a problem and are asked to identify which of the solution paths led to the correct answer and why.

Many lessons contain a specific Problem named Talk the Talk. This provides open-ended questions requiring students to summarize and generalize their mathematical understandings of key concepts. This is an opportunity for students to demonstrate their understanding of essential concepts and make connections between concepts they have previously learned- one purpose of Performance Tasks. Each Talk the Talk is written so students can formatively assess their own understanding by providing appropriate reasoning and evidence.
Hausmann and VanLehn (2007) found that embedding self-explanation prompts within learning materials could encourage students to more thoughtfully self-explain. Student and teacher characters are embedded throughout the Carnegie Learning Algebra I text to remind students to stop and think about the context, the mathematics, or prior skills in order to promote productive reflection.

An Academic Glossary is included in the Front Matter of the *Student Text* to provide support for understanding important terms (e.g. analyze, represent, and explain your reasoning) that students will encounter while working through each lesson. The graphic organizers shown in the Academic Glossary display a definition, related words, sample questions, and examples to help students know what is meant by specific terms and how they are used to think, reason, and communicate ideas. In addition, graphic organizers are provided to support students as they work with the different problem types, e.g. Worked Examples, Thumbs Up, Thumbs Down, and Who's Correct?

Carnegie Learning's Algebra II text thoughtfully leads and supports students to develop an understanding of mathematical ideas. The materials were designed to teach students that math is relevant, not because it comes with a rule book that must be followed in a rote manner, but because it provides a common and useful language for discussing and solving complex problems in everyday life.

Standards for Mathematical Practice

The Standards for Mathematical Practice describe varieties of expertise that mathematics educators at all levels should seek to develop in their students. These practices rest on important "processes and proficiencies" with longstanding importance in mathematics education. The first of these are the NCTM process standards of problem solving, reasoning and proof, communication, representation, and connections. The second are the strands of mathematical proficiency specified in the National Research Council's report Adding It Up: adaptive reasoning, strategic competence, conceptual understanding (comprehension of mathematical concepts, operations and relations), procedural fluency (skill in carrying out procedures flexibly, accurately, efficiently, and appropriately), and productive disposition.

Each lesson within a Carnegie Learning text provides opportunities for students to think, reason, and communicate their mathematical understanding. Expertise is a long-term goal and students must be encouraged to apply these practices to new content throughout their school career. Effective communication and collaboration are essential skills of a successful learner. It is through dialogue and discussion of different strategies that students become knowledgeable, independent learners.

Mathematical Practice 1: Make Sense of Problems and Persevere in Solving Them

The Carnegie Learning implementation model (discuss, think, pair, share) provides a classroom environment for students to make sense of problems, develop strategies, persevere in implementing the strategy, and analyze the results. As students work collaboratively through problems, they will plan and execute a solution strategy. It is the responsibility of each group member to monitor and evaluate the progress of the group and to make suggestions for changing course, if necessary. The teacher should circulate through the room monitoring students' work, assessing progress, and redirecting with guided questions.

To bring closure and provide a summary for each problem, teachers should ask thought-provoking questions that require students to explain their thinking and process as well as allowing multiple groups to present their solutions. Discussion can be generated around alternate solution paths, connections to prior concepts, and generalizations.

Mathematical Practice 2: Reason Abstractly and Quantitatively

The scenarios throughout the Carnegie Learning instructional materials help students recognize and understand that quantitative relationships seen in the real-world are no different than quantitative relationships in mathematics. Some problems begin with a real-world context to remind students that the quantitative relationships they already use can be formalized mathematically. Other problems will use real-world situations as an application of mathematical concepts.

Mathematical Practice 3: Construct Viable Arguments and Critique the Reasoning of Others

In a Carnegie Learning classroom, students are active participants in their learning; they are doing the work, presenting solutions, and critiquing each other. The role of the teacher is to facilitate the discussion and highlight important connections, strategies, and conclusions. Each lesson ends with the statement "Be prepared to share your methods and solutions." Students are expected to be able to communicate their reasoning and critique the explanation of others. As students explain problem-solving steps or the rationale for a solution, they will internalize the processes and reasoning behind the mathematics.

In addition, many lessons include peer analysis problem types—thumbs up, thumbs down, and Who's Correct? These problems help students make inferences about correct and incorrect responses. These types of problems will also help students analyze their own work for errors and correctness.

Mathematical Practice 4: Model with Mathematics

Activities throughout the Carnegie Learning instructional materials provide opportunities for students to create and use multiple representations (words, tables, graphs, and symbolic statements) to organize, record, and communicate mathematical ideas. Manipulatives and various models are incorporated throughout to develop a conceptual understanding of mathematical concepts. These activities provide opportunities for students to develop strategies and reasoning that will serve as the foundation for learning more abstract mathematics. To foster the transfer of student understanding from concrete manipulatives to the abstract procedures, a variety of instructional prompts are used.

Mathematical Practice 5: Use Appropriate Tools Strategically

Activities throughout the Carnegie Learning instructional materials facilitate the appropriate use of tools including calculators, rulers, protractors, compasses, and manipulatives. Tools are used in a variety of ways—to build conceptual understanding, to explore concepts, and to verify solutions. Worked examples are provided as appropriate within lessons to demonstrate how to use the various tools. An overarching instructional theme of the text is to provide students with various strategies and help them understand when to use certain strategies for exact answers, estimation, and efficiency.

Mathematical Practice 6: Attend to Precision

Each lesson throughout the Carnegie Learning instructional materials provides opportunities for students to communicate precisely when writing in their consumable books, and then sharing their solutions with their peers. It is the responsibility of the teacher to ensure that students label units of measure and explain their reasoning using appropriate definitions and mathematical language. The answers provided in the Teacher's Implementation Guide are exemplars of student responses and model precision appropriately. A Vocabulary section is included in the Skills Practice for each lesson that provides additional opportunities to use appropriate definitions and mathematical language.

Mathematical Practice 7: Look for and Make Use of Structure

Activities throughout the Carnegie Learning instructional materials provide opportunities for students to analyze numeric, geometric, and algebraic patterns. Accompanying questions help students notice relationships for themselves as opposed to

	memorization of facts. 7 **Mathematical Practice 8: Look For and Express Regularity in Repeated Reasoning** Activities throughout the Carnegie Learning instructional materials provide opportunities for students to make observations, notice patterns, and make generalizations. Students are required to communicate their generalizations verbally and symbolically. This understanding will lead to greater transfer and ability to solve non-routine problems. As teachers facilitate discussions they should be highlighting important connections, efficient strategies, and conclusions. **Evidence of Effectiveness / Case Studies:** The U.S. Department of Education awarded a $6 million grant to RAND Corporation, the gold standard of independent and reliable research, to study the effectiveness of Carnegie Learning's "Cognitive Tutor Algebra I" blended curriculum over two years. No other high school or middle school curriculum has been subjected to research this comprehensive. It included over 18,000 students across 147 schools that were assigned randomly and measured students and schools of all abilities, demographics, geographic locations, etc. Random assignment helps to ensure there is no bias in selecting participants or influencing outcomes. The RAND Corporation research showed that students using the blended learning curriculum experienced an eight percentile improvement over the control group in math scores in the second year of implementation. That jump equates to a 20 to 30 point improvement on the SAT math section (College Board 2012). Having all students in a school experience such large improvements could have a transformative effect on the school's performance in mathematics—moving a poor performing school to an average one (Lipsey et al). In 2002, the Miami-Dade County district (FL) implemented Carnegie Learning math curricula to improve math outcomes in the classroom and on state tests for its middle- and high-school students. An independent study in 2004 showed that the students using Carnegie Learning curricula, which was aligned to and correlated with Florida state standards and tests, scored significantly higher on state tests than students using conventional curriculum students. As a result, the district expanded implementation, and Carnegie Learning is now in 51 schools across the county. Early field tests (1992-93) in Pittsburgh (PA) Public Schools showed that more than 68% of the students using Carnegie Learning's Cognitive Tutor curriculum passed Algebra 1, compared to only 43% of the students who followed the traditional curriculum. Following these studies, school districts in Pennsylvania and Wisconsin conducted a one-year comparative study and found that students using Carnegie Learning curricula scored 50% to 100% higher in end-of-year problem-solving tests than students in traditional math courses. Following one rigorous, randomized controlled study of the Cognitive Tutor Algebra 1 curriculum in Oklahoma in 2001, Carnegie Learning's Cognitive Tutor was recognized by the What Works Clearinghouse as one of only two middle school math curricula with high-quality evidence of significant achievement.

Main Components & Ancillary Items Needed for Implementation:	All components outlined in this section are available via the Carnegie Learning Online Resource Center. The main components of the Carnegie Learning Algebra II 3rd Edition includes a *Student Text* and a *Teacher's Implementation Guide* and *Teachers Resources and Assessments*. The *Student Text* is the primary classroom resource. The consumable text is a record of the student's thinking, reasoning, and problem solving. Student lessons interleave questions, instructions, and worked examples to engage students. The text is three-hole punched and perforated for ease of use. The *Teacher's Implementation Guide* is a resource for understanding the overall instructional design, planning, guiding and facilitating student learning. The Front Matter of this resource contains valuable information about the Carnegie Learning High School Math Series. The Research section discusses the motivational and learning research behind the materials. The Product Information section discusses the three overarching ideas of the materials: Engage and Motivate, Promote Deep Conceptual Understanding, and Powerful, On-Going Formative Assessment The Instructional Design section describes the how the lessons are structured and the questioning strategies used throughout. The Planning section provides a template for teachers to use when considering how to create access, maintain access, and assess student knowledge for each lesson. The Standards for Mathematical Practice section describes how the instructional materials support students' development of the practices. The *Teacher's Implementation Guide* provides implementation and research notes on the various features and Problem Types (Worked Example, Thumbs Down, Thumbs Up, Who's Correct?) students experience throughout their use of the materials. These

include:

Dear Student Letter

The Crew

Mathematical Representations

Academic Glossary

Problem Types You Will See

Each chapter in the *Teacher's Implementation Guide* contains a Chapter Overview. This overview begins with a narrative of the organizing concepts of the chapter, and includes a lesson summary table and a *Skills Practice* summary table. The lesson summary table includes: the Common Core State Standards addressed, pacing suggestions, lesson highlights, and the various Problem Types (Models, Worked Examples, Peer Analysis, Talk the Talk, and Technology). The *Skills Practice* summary table outlines the available problem sets with objectives for each lesson.

Each lesson in the *Teacher's Implementation Guide* contains a detailed narrative of the concepts of the lesson and how the lesson unfolds. It also includes a lesson map with the Essential Ideas, the standards addressed, the key terms, the learning goals, any materials needed to facilitate the activities, and a warm-up exercise. There are mathematical representation process icons throughout the lesson as guides on how to facilitate and chunk the lesson into parts for individual, small group, whole class discussion, work time, and presentations. Throughout each lesson, relevant teacher notes include:

1. a description of the mathematical concepts embedded and the flow of the task;
2. grouping suggestions;
3. additional questions for the teacher to prompt student responses to clarify, justify, or extend their thinking; and
4. common student misconceptions.

A Check For Understanding question is provided at the end of each lesson. These questions help teachers ascertain how well students understood the learning goals of the lesson.

The *Teacher's Resources and Assessments* contain five tests per each chapter of the *Student Text*: a pre-test, a post-test, a mid-chapter test, an end-of-chapter test, and a standardized practice test. Answers to the student assignments, student skills practice, and assessments are also provided. All tests, as well as all the items in the *Skills Practice* and *Student Assignment* books are available through ExamView, which allows the ability to quickly, and easily create additional resources.

Ancillary items include Student Assignments Online Workbook and a Student Skills Practice Online Workbook.

The *Student Skills Practice* book is a resource of problems sets to differentiate practice for the component skills of each lesson. Each *Skills Practice* worksheet contains two sections—vocabulary and problem sets. The vocabulary section provides additional practice with the key terminology introduced or developed within the lesson through a variety of tasks such as matching, fill-in-the-blank, and identifying similarities and differences. The problem sets should be assigned as needed based on formative assessment. The reasoning and solution for the first question in each problem set is provided as a guide for students on how to complete the exercise and display the mathematical reasoning and correct solution. The answers for the odd question are provided to the student. These can be used during study periods and home connection activities.

Additional Implementation resources can be found in the Carnegie Learning Online Resource Center. Teachers have access to a plethora of content which includes:

1. A Course Content Map provides an overview of each activity within each lesson of each chapter in the instructional materials. The document includes the Standards addressed in each activity and if the content from that standard is being introduced, practiced, synthesized, or reviewed; suggested pacing for each activity; and content connections between activities, to prior knowledge and for future learning.
2. The Online PD section provides a variety of videos focused on instructional strategies, implementation best practices and educational research topics.
3. The Community section offers resources that have been posted by other teachers using the Carnegie Learning instructional materials.
4. The Home Connection section offers resources to help both the teacher and parent understand Carnegie Learning's methodology. In addition, links provide parents/guardians with ways to support student's success in their mathematics class.

	5. The Online Professional Development section of the Carnegie Learning Resource Center contains videos that cover a variety of implementation strategies and educational research topics.

Professional Development /Training Required? [x] **YES** [ ]

Carnegie Learning shares the beliefs described in the NCTM (2014) publication *Principles to Action, Executive Summary.*
"…standards do not teach; teachers teach. …effective teaching is the nonnegotiable core that ensures that all students learn mathematics at high levels and that such teaching requires a range of actions at the state or provincial, district, school, and classroom levels. "(p. 4)
Beyond the supports found in the Teacher's Implementation Guide and the Carnegie Learning Online Resource Center, Carnegie Learning offers extensive professional development to support the fidelity of implementation and teacher content knowledge. The range of professional development includes Teacher Content Academies, initial implementation training, ongoing in-classroom support, and administration and technical training. Additional training is offered online and through webinars.

If applicable, explain in-service training, required, number of hours and fees associated with service:

Initial Implementation Training

To ensure that each implementation is successful, Carnegie Learning has developed a quality initial implementation training plan which includes a recommended two-day training plan for text only adoptions. This professional development experience, delivered by highly trained Carnegie Learning professional development specialists, can be delivered onsite. Implementation specialists are current or former users of the curriculum. They provide content and pedagogical guidance as well as model instruction and best practices.

During initial implementation workshop, participants experience the research-based instructional model. Participants will:
1. Develop an understanding of the foundation of Carnegie Learning curricula
2. Learn best practices for using Carnegie Learning Math Series print materials
3. Experience the print curriculum by participating in model student lessons
4. Develop an understanding of the collaborative classroom
5. Learn the intent behind and how to access instructional support tools, including the Carnegie Learning Resource Center
6. Develop the ability to make short-term and long-term instructional planning decisions with the Carnegie Learning materials
7. Develop effective scaffolding and extension questioning strategies to support students' conceptual understanding of mathematics

Professional development is scheduled prior to the school year. Each day of the workshop has a particular emphasis:
(1) Introduction to Carnegie Learning Pedagogy and Resources
(2) Student-Centered Classrooms and Planning with Carnegie Learning materials

Day 1. Introduction to Carnegie Learning Pedagogy and Resources: Participants begin their training by experiencing a student-centered classroom lesson as a student. Teachers work through a Lesson, with the implementation specialist modeling instruction. At the conclusion of the activity, the implementation specialist will review the instructional process and discuss the mathematics demonstrated during the lesson. The implementation specialist will facilitate an interactive discussion about student-centered classrooms and collaborative learning. The group will share ideas and suggestions on establishing the correct environment and expectations, setting up groups, facilitating work, and sharing solutions both informally and formally. The participants will end the day becoming acquainted with the various teacher and student resources.

Day 2. Student-Centered Classrooms and Planning with Carnegie Learning materials: The questions teachers ask to support student learning is an important indicator of what students will learn. During day 2, the implementation specialist will model another lesson, focusing on questions and questioning strategies, after which the group will discuss effective questions and facilitating their own students' learning through questioning. The final activities focus on long-term and short-term planning, using the Carnegie Learning resources. Our goal is for teachers to feel ready for the first day of instruction by the conclusion of the workshop.

Additional ongoing professional development can be purchased and is tailored to the needs of individual districts and campuses.

FEES:
Initial Implementation Workshop Options:

Onsite Professional Development
• $2,500/day
• Includes PD materials for up to 25 attendees
• Teacher Text Sets sold separately

Regional Professional Development (where available)
• $685/attendee
• Includes PD materials for attendee
• Teacher Text Sets sold separately

Online Professional Development
• $450/2-hour session

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Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Electronic access to textbooks in PDF format (e-text)
Cross Platform Functionality:	E-text can be accessed from Windows and MacOS platforms, as well as any iOS and Android/Chrome platforms with PDF readers.
Plugins Needed: (Flash, Shockwave)	E-text does not require any plug-ins.
Screen Resolution:	E-text does not have a minimum screen resolution.
Connectivity Speed Requirement:	E-text does not have a minimum bandwidth requirement. Full and current system requirements can be found at http://www.carnegielearning.com/resources-support/tech-support/system-requirements/
Mobile Device Capability:	E-text can be accessed from any mobile device with PDF reader capability.
Licensing Model(s): (Subscription, 1 yr., etc.)	E-text is licensed on a yearly per-student subscription model.
Updating Process: (How often, auto updates, etc.)	E-text content is updated periodically throughout the year to include updates and corrections. Updates should be transparent to the customer.
Tools & Features:	Resource Center which includes online versions of all student and teacher print materials, home connection information, and online professional development

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Trigonometry, 9/E**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **9781133954323**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Trigonometry**	**Author(s): (this must match Submission/Bid Form & Sample)** **Larson**	**Grade Level: (this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **ID Common Core Math, Grades 9-12**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Larson's Trigonometry is known for delivering sound, consistently structured explanations and exercises of mathematical concepts. With the ninth edition, the author continues to revolutionize the way students learn material by incorporating more real-world applications, ongoing review, and innovative technology. The methodology and execution of material provides students with the tools that they need to master trigonometry. Features include: • Side-By-Side Examples help students see not only that a problem can be solved in more than one way but also how different methods--algebraically, graphically, and numerically--yield the same result. The side-by-side format also addresses many different learning styles. • Algebra Helps direct students to sections of the textbook where they can review algebra skills needed to master the current topic. • Technology Features offer suggestions for effectively using tools such as calculators, graphing calculators, and spreadsheet programs to deepen student understanding of concepts, ease lengthy calculations, and provide alternate solution methods for verifying answers obtained by hand. • Algebra of Calculus Examples and Exercises throughout the text emphasize various algebraic techniques used in calculus. • Vocabulary Exercises at the beginning of the exercise set for each section help students review previously learned vocabulary terms necessary to solve the section exercises. • Student Projects in various sections and online feature in-depth applied exercises with large, real-life data sets, where students create or analyze models. • Chapter Summaries include explanations and examples of the objectives taught in the chapter. • Chapter Openers highlight real-life problems that connect to the examples and exercises presented in the following chapter. • Innovative Summarize Features help students organize the lesson's key concepts into a concise summary, providing a valuable study tool at the end of each section. • Unprecedented How Do You See It? Exercises in every section present real-life problems that students solve by visual inspection using the concepts in the lesson. • Checkpoint Problems encourage immediate practice and check students' understanding of the concepts in the paired example. • Expanded Section Objectives offer students the opportunity to preview what will be presented in the upcoming section. • Enriched Remarks reinforce or expand on concepts helping students learn how to study mathematics, avoid common errors, address special cases, or show alternative or additional steps to a solution of an example. • Series Companion Website features chapter projects, data tables, assessments, study tools, video solutions, and more to support students outside the text.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in Trigonometry courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:

Student Notetaking Guide	9781133953630
Student Solutions Manual	9781133954293
Instructor's Annotated Edition	9781133954316

Complete Solutions Manual	9781133954309
High School Lesson Plans	9781285416915
PowerLecture CD-ROM with ExamView® Test Generator	9781133953579
DVD Program	9781133954279

Digital Options: CourseMate, VitalSource

Professional Development /Training Required? ☐ **YES** ☒

If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: **(please complete for digital curricular materials only)**

Platform:	CourseMate and VitalSource
Cross Platform Functionality:	**CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: **(Flash, Shockwave)**	**CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): **(Subscription, 1 yr., etc.)**	**Prebuilt packages include access to CourseMate and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: **(How often, auto updates, etc.)**	**CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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Publishing Company Name: **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **College Prep Algebra, 1/E**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **9781285182629**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Math Analysis**	**Author(s): (this must match Submission/Bid Form & Sample)** **Larson**	**Grade Level: (this must match Submission/Bid Form & Sample)** **9-12**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

ID Common Core Math, Grades 9-12

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Ideal for 3rd or 4th year math students, COLLEGE PREP ALGEBRA presents a pedagogically sound, mathematically precise, and comprehensive text that provides students with the tools they need to master algebra. Features include: • Integrates a wide variety of real-life applications throughout the text in examples and exercises that demonstrate the relevance of algebra to the real world, many of which use real data. • Examples that all have been carefully chosen to illustrate a particular mathematical concept or problem-solving technique, covering a wide variety of problems and titled for easy reference. • Many examples that offer detailed, step-by-step solutions with side comments to explain the key steps of the solution process. • Provides exercises that appear on the same page and immediately follow a corresponding example, eliminating the need to flip back and forth from example to exercise.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in third or fourth year math courses that focus on ensuring students are prepared for higher education math placement exams and math courses.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:

Student Workbook	9781285182773
Student's Solutions Manual	9781285182759
Annotated Instructor's Edition	9781285182674
Complete Solutions Manual	9781285182704
Test Prep Guide	9781285182872
PowerLecture CD-ROM with ExamView® Test Generator	9781285182865
Instructor's Resource Binder for Algebra Activities ©2011	9780538736756
High School Lesson Plans	9781285457529

Digital Options: CourseMate, VitalSource

Professional Development /Training Required? ☐ **YES** ☒

If applicable, explain in-service training, required, number of hours and fees associated with service:

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	CourseMate and VitalSource
Cross Platform Functionality:	**CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to CourseMate and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Algebra and Trigonometry, 9/E**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **9781133950967**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Algebra/Trigonometry**	**Author(s): (this must match Submission/Bid Form & Sample)** **Larson**	**Grade Level: (this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **ID Common Core Math, Grades 9-12**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Larson's Algebra and Trigonometry delivers sound, consistently structured explanations and carefully written exercises of key mathematical concepts. With the Ninth Edition, the author continues to revolutionize the way students learn material by incorporating more real-world applications and on-going review. The methodology and execution of material provides students with the tools that they need to master algebra and trigonometry. Features include: • Side-By-Side Examples help students not only see that a problem can be solved in more than one way but how different methods—algebraically, graphically, and numerically—yield the same result. The side-by-side format also addresses many different learning styles. • Algebra Help features direct students to sections of the textbook where they can review algebra skills needed to master the current topic. • Checkpoint problems encourage immediate practice and check student understanding of all the core concepts presented in the example. • Technology Features offer suggestions for effectively using tools such as calculators, graphing calculators, and spreadsheet programs to deepen student understanding of concepts, ease lengthy calculations, and provide alternate solution methods for verifying answers obtained by hand. • Algebra of Calculus Examples and Exercises throughout the text emphasize various algebraic techniques used in calculus. • Vocabulary Exercises at the beginning of the exercise set for each section help students review previously learned vocabulary terms necessary to solve the section exercises. • Student Projects in various sections and online feature in-depth applied exercises with large, real-life data sets, where students create or analyze models. • Each Chapter Opener highlights real-life applications used in the examples and exercises. • A bulleted list of learning objectives lets students preview what will be presented in the upcoming section. • Chapter Summaries include explanations and examples of the objectives taught in the chapter. • The How Do You See It? feature in each section presents a real-life exercise students solve by visual inspection using the concepts learned in the lesson. This exercise is excellent for classroom discussion or test preparation. • The exercise sets have been carefully and extensively examined to ensure they are rigorous and relevant and to include all topics our users have suggested. The exercises have been organized and titled so students can quickly see the connections between examples and exercises. Multi-step, real-life exercises reinforce problem-solving skills and mastery of concepts by giving students the opportunity to apply the concepts to real-life situations. • LarsonPrecalculus.com. This free companion website offers multiple tools and resources to supplement your students' learning. Students can view and listen to worked-out solutions of Checkpoint problems in English or Spanish, download data sets, explore examples, watch lesson videos, and much more.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in Algebra and Trigonometry courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:

Student Notetaking Guide	9781133953630
Student Solutions Manual	9781133954415
Instructor's Annotated Edition	9781133954439

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Complete Solutions Manual	9781133954422
Test Bank	9781133954392
PowerLecture CD-ROM with ExamView® Test Generator	9781133951162

Digital Options: CourseMate, VitalSource

Professional Development /Training Required? ☐ **YES** ☒

If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	CourseMate and VitalSource
Cross Platform Functionality:	**CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to CourseMate and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Precalculus with Limits, 3/E**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **9781133962885**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Pre-Calculus**	**Author(s): (this must match Submission/Bid Form & Sample)** **Larson**	**Grade Level: (this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **ID Common Core Math, Grades 9-12**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Larson's Precalculus with Limits is known for delivering the sound, consistently structured explanations and exercises of mathematical concepts, with a laser focus on preparing students for calculus. In Limits, the author includes a brief algebra review along with coverage of analytic geometry in three dimensions and an introduction to concepts covered in calculus. With the third edition, Larson continues to revolutionize the way students learn material by incorporating more real-world applications and ongoing review. Features include: • Algebra Helps directs students to sections of the textbook where they can review algebra skills needed to master the current topic. • Checkpoint problems encourage immediate practice and check student understanding of the concepts presented. • Algebra of Calculus Examples and Exercises throughout the text emphasize various algebraic techniques used in calculus. • Vocabulary Exercises at the beginning of the exercise set for each section help students review previously learned vocabulary terms necessary to solve the section exercises. • Student Projects in various sections and online feature in-depth applied exercises with large, real-life data sets, where students create or analyze models. • Technology Features offer suggestions for effectively using tools such as calculators, graphing calculators, and spreadsheet programs to deepen student understanding of concepts, ease lengthy calculations, and provide alternate solution methods for verifying answers obtained by hand. • Chapter Openers highlight real-life problems that connect to the examples and exercises presented in the following chapter. • Innovative Summarize Features help students organize the lesson's key concepts into a concise summary, providing a valuable study tool at the end of each section. • Unprecedented How Do You See It? Exercises in every section present real-life problems that students solve by visual inspection using the concepts in the lesson. • Original Checkpoint Problems encourage immediate practice and check students' understanding of the concepts in the paired example. • Series Companion Website features chapter projects, data tables, assessments, study tools, video solutions, and more to support students outside the text. • Section Objectives offer students the opportunity to preview what will be presented in the upcoming section. • Enriched Remarks reinforce or expand on concepts helping students learn how to study mathematics, avoid common errors, address special cases, or show alternative or additional steps to a solution of an example. • Series Companion Website features chapter projects, data tables, assessments, study tools, video solutions, and more to support students outside the text.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in Precalculus courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:

Student Notetaking Guide	9781285059341
Student Solutions Manual	9781285177694
Teacher's Edition	9781285059433
High School Lesson Plans	9781133954118

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Complete Solutions Manual	9781133947479
Test Bank	9781133947448
PowerLecture CD-ROM with ExamView® Test Generator	9781133954583
DVD Program	9781285177670

Digital Solutions: CourseMate, VitalSource

Professional Development /Training Required? ☐ **YES** ☒ X

If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	CourseMate and VitalSource
Cross Platform Functionality:	**CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to CourseMate and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Precalculus with Limits: A Graphing Approach, 7/E**	**Copyright: (this must match Submission/Bid Form & Sample)** **2016** **ISBN number: (must match Submission-Bid Form & Sample)** **9781305071711**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Pre-Calculus**	**Author(s): (this must match Submission/Bid Form & Sample)** **Larson**	**Grade Level: (this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **ID Common Core Math, Grades 9-12**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	PRECALCULUS WITH LIMITS: A GRAPHING APPROACH, 7th Edition, is an ideal student and instructor resource for high school courses that require the use of a graphing calculator. The quality and quantity of the exercises, combined with interesting applications and innovative resources, make teaching easier and help students succeed. Retaining the series' emphasis on student support, selected examples throughout the text include notations directing students to previous sections to review concepts and skills needed to master the material at hand. The book also achieves accessibility through careful writing and design--including examples with detailed solutions that begin and end on the same page, which maximizes readability. Similarly, side-by-side solutions show algebraic, graphical, and numerical representations of the mathematics and support a variety of learning styles. Features include: • Library of Parent Functions: To facilitate familiarity with the basic functions, a Library of Parent Functions contains several elementary and non-elementary functions. Each function is introduced at the first point of use in the text with a definition and description of basic characteristics. The Library of Parent Functions Examples are identified in the title of the example and there is a Review of Library of Parent Functions after Chapter 4. A summary of functions is presented on the inside cover of this text. • Technology Tips provide graphing calculator tips or provide alternate methods of solving a problem using a graphing utility. • Throughout the text, special emphasis is given to the algebraic techniques used in calculus. “Algebra of Calculus” examples and exercises are integrated throughout the text. • Algebraic-Graphical-Numerical Exercises: These exercises allow students to solve a problem using multiple approaches: algebraic, graphical, and numerical. This helps students see that a problem can be solved in more than one way and that different methods yield the same result. • Modeling Data Exercises: These multi-part applications involve real-life data and offer students the opportunity to generate and analyze mathematical models. • The Vocabulary and Concept Check appears at the beginning of the exercise set for each section. Each of these checks asks fill-in-the-blank, matching, and non-computational questions designed to help students learn mathematical terminology and to test basic understanding of that section's concepts. • What you should learn/Why you should learn it: These summarize important topics in the section and why they are important in math and life. • The Chapter Summary includes explanations and examples of the objectives taught in the chapter. • Error Analysis: This exercise presents a sample solution that contains a common error, which the students are asked to identify. • Each Chapter Opener highlights real-life applications used in the examples and exercises. • The How Do You See It? feature in each section presents a real-life exercise that students solve by visual inspection using the concepts learned in the lesson. This exercise is excellent for classroom discussion or test preparation. • A bulleted list of learning objectives gives students the opportunity to preview what will be presented in the upcoming section. • These hints and tips, called “Remarks,” reinforce and/or expand upon concepts, help students learn how to study mathematics, address special cases, or show alternative or additional steps to a solution of an example. • Accompanying every example, the Checkpoint problems encourage immediate practice and check students' understanding of the concepts presented in the example. Students can view and listen to worked-out solutions of the Checkpoint problems in English or Spanish at LarsonPrecalculus.com. • LarsonPrecalculus.com: This companion website offers free access to multiple tools and resources that supplement student learning. Students can view and listen to worked-out solutions of Checkpoint problems in English or Spanish, download data sets, explore examples, watch lesson videos, and much more.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in Precalculus courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Main Components & Ancillary Items Needed for Implementation:

PowerLecture DVD-ROM with ExamView Test Generator	9781305117600
Text-Specific DVD Program	9781305117143
Test Bank	9781305117570
Lesson Plans for High School	9781305117549
Wraparound Teacher's Edition	9781305117532
Complete Solutions Manual	9781305117662
Notetaking Guide	9781305117150
Student Solutions Manual	9781305117112

Digital Options: CourseMate, VitalSource

Professional Development /Training Required? [ ] **YES** [X]

If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: (please complete for digital curricular materials only)

Platform:	CourseMate and VitalSource
Cross Platform Functionality:	**CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to CourseMate and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Precalculus with Limits: Mathematics for Calculus, 7/E**	**Copyright: (this must match Submission/Bid Form & Sample)** **2016** **ISBN number: (must match Submission-Bid Form & Sample)** **9781305115309**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Pre-Calculus**	**Author(s): (this must match Submission/Bid Form & Sample)** **Stewart, Redlin, Watson**	**Grade Level: (this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **ID Common Core Math, Grades 9-12**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	This bestselling author team explains precalculus concepts simply and clearly, without glossing over difficult points. Problem solving and mathematical modeling are introduced early and reinforced throughout, providing students with a solid foundation in the principles of mathematical thinking. Comprehensive and evenly paced, the book provides complete coverage of the function concept, and integrates a significant amount of graphing calculator material to help students develop insight into mathematical ideas. Features include: • Focus on Modeling sections illustrate modeling techniques as well as how mathematics can be applied to model real-life situations. These sections, as well as others, are devoted to teaching students how to create their own mathematical models, rather than using prefabricated formulas. • Real-world applications from engineering, physics, chemistry, business, biology, environmental studies, and other fields demonstrate how mathematics is used to model real-life situations. • Mathematics in the Modern World vignettes show that mathematics is a living science crucial to the scientific and technological progress of recent times, as well as to the social, behavioral, and life sciences. • Discovery/Discussion/Writing problems at the end of every section encourage students to use and develop conceptual, critical thinking, and writing skills. • Discovery Projects engage students by providing a challenging but accessible set of activities that enable them (perhaps working in groups) to explore in greater depth an interesting aspect of the topic they have just learned. • Review Sections and Chapter Tests at the end of each chapter help students gauge their learning progress. Brief answers to the odd-numbered exercises in each section and to all questions in the Chapter Tests are provided at the back of the book. • Groups of exercises now have headings that identify the type of exercise. Skills Plus exercises in most sections contain more challenging exercises that require students to extend and synthesize concepts. • Review Material: The review material at the end of each chapter now includes a summary of properties and formulas and a new Concept Check. Each Concept Check provides a step-by-step review of all the main concepts and applications of the chapter. Answers to the Concept Check questions are on tear-out sheets at the back of the book. • Geometry Review: Appendix A contains a review of the main concepts of geometry used in this book, including similarity and the Pythagorean Theorem.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in Precalculus courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:	PowerLecture CD-ROM with ExamView Test Generator	9781305253773
	Text-Specific DVD Program	9781305253742
	Test Bank	9781305253902
	Complete Solutions Manual	9781305253810
	Study Guide	9781305253728

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Student Solutions Manual	9781305253735	
Teacher's Edition	9781305115293	
Notetaking Guide	9781305253834	

Digital Options: CourseMate, VitalSource

Professional Development /Training Required?	☐ **YES**	X
If applicable, explain in-service training, required, number of hours and fees associated with service:		

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	CourseMate and VitalSource
Cross Platform Functionality:	**CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to CourseMate and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Calculus of a Single Variable, 10/E, AP® Edition**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **9781285060330**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **AP Calculus AB**	**Author(s): (this must match Submission/Bid Form & Sample)** **Larson**	**Grade Level: (this must match Submission/Bid Form & Sample)** **11-12**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

College Board Standards

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	With a long history of innovation in the calculus market, this AP® edition of Larson's Calculus of a Single Variable provides a pedagogically sound, comprehensive text book with trusted AP® review questions and new AP® Exam tips. The book and series has been widely praised by a generation of students and professors for its solid and effective pedagogy that addresses the needs of a broad range of teaching and learning styles and environments. Features include: • Hints and tips, called "Remarks" in the book, reinforce and/or expand upon concepts. • AP® Review Questions allow students to practice the type of questions encountered on the AP® exam while providing additional practice and review. • Exercise sets have been carefully and extensively examined to ensure they are rigorous, relevant, and cover all topics suggested by our users. The exercises have been organized and titled so you can better see the connections between examples and exercises. • Graded Homework Exercises: Online homework and tests are evaluated using powerful Maple software to ensure mathematical accuracy. Instructors control point values, weighting grades, and whether or not an item is graded. An electronic gradebook helps instructors manage course information easily and can be exported to other files, such as Excel. • CAS Investigation: Many examples throughout the book are accompanied by CAS Investigations. These are collaborative investigations using a computer algebra system (e.g., Maple) to further explore the related example. • Each Chapter Opener highlights five real-life applications of calculus found throughout the chapter. The applications reference the examples or exercises featured. You can find a full listing of the applications in the Index of Applications. • The How Do You See It? exercise in each section presents a problem that you will solve by visual inspection using the concepts learned in the lesson. • LarsonCalculus.com - We've created a free website hosting valuable resources. At this website, you can access the following: Proof Videos – Watch co-author Bruce Edwards present theorems and explain their proofs. Calculus Videos – Watch Dana Mosely explain concepts of calculus. Interactive Examples – Explore examples using Wolfram's free CDF player (plug-in required). Rotatable Graphs – View and rotate three-dimensional graphs using Wolfram's free CDF player (plug-in required). Biographies – Read biographies of men and women who were instrumental in creating calculus. Web Appendices – Read the web-only appendices that accompany the text. Data Downloads – Use real data to solve problems.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in AP® Calculus courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:

Fast Track to a 5 AP® Test Preparation Workbook	9781285063263
Student Solutions Manual, Volume 1 (Ch. P-11)	9781285085715
AP® Teacher's Resource Guide and Lesson Plans	9781285063041
Complete Solutions Guide, Volume 1 (Ch. P-5)	9781285085760

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Complete Solutions Guide, Volume 2 (Ch. 6-11)	9781285085777
Test Bank	9781285090597
PowerLecture DVD-ROM with ExamView® Test Generator	9781285094458
Teacher's Resource Guide and Lesson Plans	9781285063041

Digital Options: CourseMate, VitalSource

Professional Development /Training Required? ☐ **YES** ☒

If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	CourseMate and VitalSource
Cross Platform Functionality:	**CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to CourseMate and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Calculus of a Single Variable: Early Transcendental Functions, 6/E, AP® Edition**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **9781285775913**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **AP Calculus AB**	**Author(s): (this must match Submission/Bid Form & Sample)** **Larson**	**Grade Level: (this must match Submission/Bid Form & Sample)** **11-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **College Board Standards**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Calculus of a Single Variable: Early Transcendental Functions, AP® Edition, offers instructors and students innovative teaching and learning resources geared towards the AP® exam and filled with helpful AP® test taking preparation. The Larson team always has two main objectives: to develop precise, readable materials for students that clearly define and demonstrate concepts and rules of calculus; and to design comprehensive teaching resources for instructors that employ proven pedagogical techniques. Every edition from the first to the sixth of Calculus of a Single Variable: Early Transcendental Functions has made the mastery of traditional calculus skills a priority, while embracing the best features of new technology and review. Features include: • Carefully chosen applied exercises and examples from diverse sources are included throughout to address the question, "When will I use this?" • Writing exercises at the end of each section are designed to test students' understanding of basic concepts and encourage them to verbalize answers in order to promote technical skills that will be invaluable in their future careers. • Theorems are clearly stated and separated from the rest of the text by boxes for quick visual reference to aid in understanding the conceptual framework of calculus. • As with theorems, definitions are clearly stated using precise, formal wording and are separated from the text by boxes for quick visual reference. • Historical notes provide students with background information on the foundations of calculus and the people who created calculus. • Projects provide an interesting and engaging way to encourage students to explore applications related to the topics they are studying and investigate ideas collaboratively. • Putnam Exam Questions appear in selected sections and are meant to challenge students and push them to the limits of their understanding of calculus. • Throughout the book, technology boxes show students how to use technology to solve problems and explore concepts of calculus. • How Do You See It?--The "How Do You See It?" feature in each section presents a real-life problem that students solve by visual inspection using the concepts learned in the lesson. This exercise is excellent for classroom discussion or test preparation. • Remark--These hints and tips reinforce or expand on concepts, help students learn how to study mathematics, caution students about common errors, address special cases, or show alternative or additional steps to a solution of an example. • Exercise Sets--The exercise sets have been carefully and extensively examined to ensure they are rigorous and relevant and include all topics our users have suggested. The exercises have been reorganized and titled so students can better see the connections between examples and exercises. Multi-step, real-life exercises reinforce problem-solving skills and mastery of concepts by giving students the opportunity to apply the concepts in real-life situations. • LarsonCalulus.com--This robust companion website offers multiple tools and resources. Access to these features is free. Students can watch videos explaining concepts or proofs from the book, explore examples, view three-dimensional graphs, download articles from math journals, and much more!

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in AP® Calculus courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Main Components & Ancillary Items Needed for Implementation:

Fast Track to a 5 AP® Test Preparation Workbook	9781285775920
Student Solutions Manual	9781285774800
Teacher's Resource Guide	9781285778365
Complete Solutions Manual Volume 1	9781285774817
Complete Solutions Manual Volume 2	9781285774824
Printed Test Bank	9781285779072
PowerLecture DVD-ROM with ExamView® Test Generator	9781285085838

Digital Options: CourseMate, VitalSource

Professional Development /Training Required? [ ] **YES** [X]

If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: **(please complete for digital curricular materials only)**

Platform:	CourseMate and VitalSource
Cross Platform Functionality:	**CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: **(Flash, Shockwave)**	**CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): **(Subscription, 1 yr., etc.)**	**Prebuilt packages include access to CourseMate and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: **(How often, auto updates, etc.)**	**CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Calculus, 10/E, AP® Edition**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **9781285060309**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **AP Calculus BC**	**Author(s): (this must match Submission/Bid Form & Sample)** **Larson**	**Grade Level: (this must match Submission/Bid Form & Sample)** **11-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **College Board Standards**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	With a long history of innovation in the calculus market, this AP® edition of Larson's Calculus provides a pedagogically sound, comprehensive text book with trusted AP® review questions and new AP® Exam tips. The book and series has been widely praised by a generation of students and professors for its solid and effective pedagogy that addresses the needs of a broad range of teaching and learning styles and environments. Features include: • Hints and tips, called "Remarks" in the book, reinforce and/or expand upon concepts. • AP® Review Questions allow students to practice the type of questions encountered on the AP® exam while providing additional practice and review. • Exercise sets have been carefully and extensively examined to ensure they are rigorous, relevant, and cover all topics suggested by our users. The exercises have been organized and titled so you can better see the connections between examples and exercises. • Graded Homework Exercises: Online homework and tests are evaluated using powerful Maple software to ensure mathematical accuracy. Instructors control point values, weighting grades, and whether or not an item is graded. An electronic gradebook helps instructors manage course information easily and can be exported to other files, such as Excel. • CAS Investigation: Many examples throughout the book are accompanied by CAS Investigations. These are collaborative investigations using a computer algebra system (e.g., Maple) to further explore the related example. • Each Chapter Opener highlights five real-life applications of calculus found throughout the chapter. The applications reference the examples or exercises featured. You can find a full listing of the applications in the Index of Applications. • The How Do You See It? exercise in each section presents a problem that you will solve by visual inspection using the concepts learned in the lesson. • LarsonCalculus.com - We've created a free website hosting valuable resources. At this website, you can access the following: Proof Videos – Watch co-author Bruce Edwards present theorems and explain their proofs. Calculus Videos – Watch Dana Mosely explain concepts of calculus. Interactive Examples – Explore examples using Wolfram's free CDF player (plug-in required). Rotatable Graphs – View and rotate three-dimensional graphs using Wolfram's free CDF player (plug-in required). Biographies – Read biographies of men and women who were instrumental in creating calculus. Web Appendices – Read the web-only appendices that accompany the text. Data Downloads – Use real data to solve problems.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in AP® Calculus courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:

Fast Track to a 5 AP® Test Preparation Workbook	9781285063263
Student Solutions Manual, Volume 1 (Ch. P-11)	9781285085715
Student Solutions Manual, Volume 2 (Ch. 12-16)	9781285085753
AP® Teacher's Resource Guide and Lesson Plans	9781285063041
Complete Solutions Guide, Volume 1 (Ch. P-5)	9781285085760

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Complete Solutions Guide, Volume 2 (Ch. 6-11)	9781285085777
Complete Solutions Guide, Volume 3 (Ch. 12-16)	9781285085807
Test Bank	9781285090597
PowerLecture DVD-ROM with ExamView® Test Generator	9781285094458
Teacher's Resource Guide and Lesson Plans	9781285063041

Digital Solutions: CourseMate, VitalSource

Professional Development /Training Required? ☐ **YES** ☒

If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	CourseMate and VitalSource
Cross Platform Functionality:	**CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to CourseMate and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Calculus: Early Transcendental Functions, 6/E, AP® Edition**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **9781285775890**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **AP Calculus BC**	**Author(s): (this must match Submission/Bid Form & Sample)** **Larson**	**Grade Level: (this must match Submission/Bid Form & Sample)** **11-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **College Board Standards**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Calculus: Early Transcendental Functions, AP® Edition, offers instructors and students innovative teaching and learning resources geared towards the AP® exam and filled with helpful AP® test taking preparation. The Larson team always has two main objectives: to develop precise, readable materials for students that clearly define and demonstrate concepts and rules of calculus; and to design comprehensive teaching resources for instructors that employ proven pedagogical techniques. Every edition from the first to the sixth of Calculus: Early Transcendental Functions has made the mastery of traditional calculus skills a priority, while embracing the best features of new technology and review. Features include: • Carefully chosen applied exercises and examples from diverse sources are included throughout to address the question, "When will I use this?" • Writing exercises at the end of each section are designed to test students' understanding of basic concepts and encourage them to verbalize answers in order to promote technical skills that will be invaluable in their future careers. • Theorems are clearly stated and separated from the rest of the text by boxes for quick visual reference to aid in understanding the conceptual framework of calculus. • As with theorems, definitions are clearly stated using precise, formal wording and are separated from the text by boxes for quick visual reference. • Historical notes provide students with background information on the foundations of calculus and the people who created calculus. • Projects provide an interesting and engaging way to encourage students to explore applications related to the topics they are studying and investigate ideas collaboratively. • Putnam Exam Questions appear in selected sections and are meant to challenge students and push them to the limits of their understanding of calculus. • Throughout the book, technology boxes show students how to use technology to solve problems and explore concepts of calculus. • How Do You See It?--The "How Do You See It?" feature in each section presents a real-life problem that students solve by visual inspection using the concepts learned in the lesson. This exercise is excellent for classroom discussion or test preparation. • Remark--These hints and tips reinforce or expand on concepts, help students learn how to study mathematics, caution students about common errors, address special cases, or show alternative or additional steps to a solution of an example. • Exercise Sets--The exercise sets have been carefully and extensively examined to ensure they are rigorous and relevant and include all topics our users have suggested. The exercises have been reorganized and titled so students can better see the connections between examples and exercises. Multi-step, real-life exercises reinforce problem-solving skills and mastery of concepts by giving students the opportunity to apply the concepts in real-life situations. • LarsonCalulus.com--This robust companion website offers multiple tools and resources. Access to these features is free. Students can watch videos explaining concepts or proofs from the book, explore examples, view three-dimensional graphs, download articles from math journals, and much more!

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in AP® Calculus courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:	Fast Track to a 5 AP® Test Preparation Workbook	9781285775920
	Student Solutions Manual	9781285774800
	Study and Solutions Guide, Volume 1 (Ch. 1-10)	9781285774800

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Teacher's Resource Guide	9781285778365
Complete Solutions Manual Volume 1	9781285774817
Complete Solutions Manual Volume 2	9781285774824
Complete Solutions Manual Volume 3	9780547213026
Printed Test Bank	9781285779072
PowerLecture DVD-ROM with ExamView® Test Generator	9781285085838

Digital Options: CourseMate, VitalSource

Professional Development /Training Required? ☐ **YES** ☒ X

If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	CourseMate and VitalSource
Cross Platform Functionality:	**CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to CourseMate and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Financial Algebra: Advanced Algebra with Financial Applications, 1/E**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **9781285444857**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Consumer Math/Personal Finance**	**Author(s): (this must match Submission/Bid Form & Sample)** **Gerver, Sgroi**	**Grade Level: (this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **ID Common Core Math, Grades 9-12**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Ideal for 3rd or 4th year math students, FINANCIAL ALGEBRA: ADVANCED ALGEBRA WITH FINANCIAL APPLICATIONS applies Algebra 1 concepts in practical business and personal finance contexts. Aligned to the Common Core State Standards, FINANCIAL ALGEBRA helps students achieve success by incorporating Algebra I, Algebra II, and Geometry topics. Authors Robert Gerver and Richard Sgroi have spent their 25+ year-careers teaching students of all ability levels and they have found the most success when math is connected to the real world. FINANCIAL ALGEBRA encourages students to be actively involved in applying mathematical ideas to their everyday live – credit, banking insurance, the stock market, independent living and more! Features include: • Strong review of Algebra I formulas with variables, equations, functions, systems of equations, graphs, statistics, and more within a financial context your students can relate to. Students see algebra translated into powerful, financially focused, real world problems. • Students see algebra at work within the most critical areas of finance. Students learn about investments, credit, automobile expenses, insurance, income tax, household budgeting, and more while gaining confidence in working with common algebraic functions. • Emphasis on problem solving equips students with skills for life. Each chapter provides substantial opportunities to learn and apply a variety of problem solving strategies. • Really? Really! Chapter Openers immediately capture student attention with fascinating topics that draw students into the chapter's content. Students conclude each chapter by revisiting the motivational topic. • Proven applications at the end of each lesson require students to solve problems in a financial context. Real Numbers: You • Write the Story strengthens students' skills in interpreting graphs as they examine a graph and write a story focused around the graph's information. • Reality Check extends students' learning experience well beyond the classroom with specific suggestions for research, projects, and hands-on learning.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in third or fourth year math courses that focus on the financial aspect to math.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:

Instructor's Resource CD-ROM	9780538450188
Interactive Whiteboard Presentation	9781111573638
Guided Practice CD-ROM	9781111575991
ExamView®	9780538450195
Workbook	9780538449700

Digital Options: VitalSource

Professional Development /Training Required? ☐ **YES** ☒ X

If applicable, explain in-service training, required, number of hours and fees associated with service:

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	VitalSource
Cross Platform Functionality:	**Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**Vital Source: NA**
Screen Resolution:	**Vital Source: NA**
Connectivity Speed Requirement:	**Vital Source: NA**
Mobile Device Capability:	**Vital Source:** compatible with iPad and Android devices
Licensing Model(s): (Subscription, 1 yr., etc.)	**Access for various lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**Vital Source: NA**
Tools & Features:	**VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Statistics: Learning from Data, 1/E, AP® Edition**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **9781285085241**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **AP Statistics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Peck, Olsen**	**Grade Level: (this must match Submission/Bid Form & Sample)** **11-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **College Board Standards**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Statistics: Learning From Data, AP® Edition, written by the respected author team of Roxy Peck and Chris Olsen, offers an innovative approach to teaching and learning AP® Statistics, by tackling the areas that students struggle with most -- probability, hypothesis testing, and selecting an appropriate method of analysis. Students must master the computational aspect of descriptive and inferential statistic and also develop an understanding of the data analysis process at a conceptual level. Supported by learning objectives, real-data examples and exercises, and technology notes, this text guides students in gaining conceptual understanding, mechanical proficiency, and the ability to put knowledge into practice. Features include: • The treatment of probability in this text is complete, including conditional probability and Bayes' Rule type probability calculations. However, it is presented with a new approach that eliminates the need for the symbolism and formulas, which are a roadblock for many students by using natural frequencies to reason about probability. • Statistics: Learning from Data, has a simple, clean design that minimizes clutter and maximizes student understanding, instead of distract students like modern graphic “features” in textbooks. • Chapter activities guide actively engage students' thinking about important ideas and concepts. • The learning objectives explicitly state the expectations of the student, and are presented in three categories: Conceptual Understanding, Mastery of Mechanics, and Putting It into Practice. • Each chapter opens with a Preview and Preview Example that provide motivation for studying the concepts and methods introduced in the chapter. They address why the material is worth learning, the conceptual foundation for the methods covered, and connect to what the student already knows. • The exercises and examples that incorporate real data are a particular strength of this text. Extracting and using data from journal articles, newspapers, and other published sources, the exercises cover a wide range of disciplines and subject areas of interest to today's student. • "Are You Ready to Move On?" questions serve as a comprehensive end-of-chapter review and allow students to confirm that they have achieved the chapter learning objectives, • Chapter 7 provides an overview of statistical inference, focusing on the things students need to think about in order to select an appropriate method of analysis. Discussing these considerations up front in the form of four key questions that need to be answered before choosing an inference method makes it easier for students to make correct choices. • Real-Data Algorithmic Sampling Exercises give each student a different random sample of data from a population to answer questions off of the companion website. These unique exercises are designed to teach about sampling variability and provide a vehicle for rich classroom discussions of this important statistical concept.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in AP® Statistics courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:

Fast Track to a 5 AP® Test Preparation Workbook	9781285094649
Teacher's Edition	9781285087153
Teacher's Resource Guide	9781285738147
Student Solutions Manual	9781285089836
PowerLecture DVD-ROM with ExamView® Test Generator	9781285734378
JMP Technology Manual for Students	9781285164700

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Minitab Technology Manual for Students	9781285164670
SPSS Technology Manual for Students	9781285164687
TI Calculator Manual for Students	9781285164748
Excel Technology Manual for Statistics	9781285164816

Digital Options: Aplia, CourseMate, VitalSource

Professional Development /Training Required? [ ] **YES** [X]

If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Aplia, CourseMate, and VitalSource
Cross Platform Functionality:	**Aplia:** Windows: XP, Vista, Windows 7 Macintosh: OS X versions 10.5 and later **CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**Aplia:** Versions 10 and later of the Adobe Flash Player are required to access most Aplia content. Aplia requires that users have javascript enabled on their system to access the site. Additionally, pop-ups must be allowed for access to the full functionality of the site. **CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**Aplia**: The Aplia system is designed for a minimum screen resolution of 1024x768 (XGA). Lower resolutions may be used, but there will be a significant amount of horizontal scrolling. **CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**Aplia:** High Speed Internet Connection (Cable, DSL) is recommended **CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**Aplia**: iPad must use flash enabling browser. Chromebook: via online browser only, latest version of Chrome browser supported. **CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to Aplia, CourseMate, and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**Aplia:** auto-updates as needed. **CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**Aplia:** Aplia for statistics is dedicated to improving students' learning by increasing their effort and engagement in your class. Founded by a teacher for other teachers, Aplia offers students premium, automatically graded assignments with detailed explanations that ensure they put forth effort on a regular basis. **CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Introduction to Statistics and Data Analysis, 5/E, AP® Edition**	**Copyright: (this must match Submission/Bid Form & Sample)** **2016** **ISBN number: (must match Submission-Bid Form & Sample)** **9781305267244**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **AP Statistics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Peck, Olsen, Devore**	**Grade Level: (this must match Submission/Bid Form & Sample)** **11-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **College Board Standards**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Roxy Peck, Chris Olsen, and Jay Devore's new edition uses real data and attention-grabbing examples to introduce students to the study of statistics and data analysis. Traditional in structure yet modern in approach, this text guides students through an intuition-based learning process that stresses interpretation and communication of statistical information. Simple notation--including frequent substitution of words for symbols--helps students grasp concepts and cement their comprehension. Hands-on activities and interactive applets allow students to practice statistics firsthand. INTRODUCTION TO STATISTICS AND DATA ANALYSIS includes coverage of most major technologies, as well as expanded coverage of probability. Supporting the AP® Statistics exam, the text includes AP® multiple choice and free response questions that allow students to check their understanding, as well as AP® Tips that highlight important AP® material or procedures. Features include: • Real data gives students authentic scenarios that help them understand statistical concepts in relevant, interesting contexts. • The book emphasizes graphical display as a necessary component of data analysis and provides broad coverage of sampling, survey design, experimental design and transformations, and nonlinear regression. • The role of the computer in contemporary statistics is highlighted through numerous printouts and exercises that can be solved using the computer. • "Interpreting and Communicating the Results of Statistical Analysis" sections, which emphasize the importance of being able to interpret statistical output and communicate its meaning to non-statisticians, have assignable end-of-section questions associated with them. • Several Java™ applets, used in conjunction with activities that appear at the end of the chapter, provide visual insight into statistical concepts. • Chapter-ending Technology Notes on JMP, Minitab, SPSS, Microsoft Excel 2007, TI-83/84, and TI-nspire provide helpful hints and guidance on completing tasks associated with a particular chapter, as well as display screens to help students visualize and better understand the steps. • Helpful hints in exercises that direct students to relevant examples in the text help students who may be having trouble getting started. • Margin Notes, including “Understanding the context,” “Consider the data,” “Formulate a plan,” “Do the work,” and “Interpret the results” appear in appropriate places in the examples to highlight the importance of context and to increase student awareness of the steps in the data analysis process.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in AP® Statistics courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:

PowerLecture CD-ROM with ExamView	9781305266087
Fast Track to a 5 Test Preparation Workbook	9781305266049
Student Solutions Manual	9781305265820
Instructor's Annotated Edition	9781305252523
Teacher's Resource Binder with CD-ROM	9781305266056

Digital Options: Aplia, CourseMate, VitalSource

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Professional Development /Training Required?	☐ **YES**	☒
If applicable, explain in-service training, required, number of hours and fees associated with service:		

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Aplia, CourseMate, and VitalSource
Cross Platform Functionality:	**Aplia:** Windows: XP, Vista, Windows 7 Macintosh: OS X versions 10.5 and later **CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**Aplia:** Versions 10 and later of the Adobe Flash Player are required to access most Aplia content. Aplia requires that users have javascript enabled on their system to access the site. Additionally, pop-ups must be allowed for access to the full functionality of the site. **CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**Aplia**: The Aplia system is designed for a minimum screen resolution of 1024x768 (XGA). Lower resolutions may be used, but there will be a significant amount of horizontal scrolling. **CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**Aplia:** High Speed Internet Connection (Cable, DSL) is recommended **CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**Aplia**: iPad must use flash enabling browser. Chromebook: via online browser only, latest version of Chrome browser supported. **CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to Aplia, CourseMate, and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**Aplia:** auto-updates as needed. **CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**Aplia:** Aplia for statistics is dedicated to improving students' learning by increasing their effort and engagement in your class. Founded by a teacher for other teachers, Aplia offers students premium, automatically graded assignments with detailed explanations that ensure they put forth effort on a regular basis. **CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: (this must match Submission/Bid Form & Sample) **Cengage Learning, Inc.**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Understandable Statistics; Concepts and Methods, 11/E, AP® Edition**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **9781285463063**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **AP Statistics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Brase, Brase**	**Grade Level: (this must match Submission/Bid Form & Sample)** **11-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **College Board Standards**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Understandable Statistics: Concepts and Methods, for AP®, is a thorough yet accessible program designed to help students overcome their apprehensions about statistics. Statistical methods are thoughtfully presented with a focus on understanding both the suitability of the method and the meaning of the result. The eleventh edition continues to address the importance of developing students' critical-thinking and statistical literacy as well as preparing them and building confidence leading up to the AP® Exam. Features include: • Updated real-world applications throughout the text include new examples from a variety of disciplines. • Problems featuring basic computation and using small data sets give students the chance to appreciate the formulas and mathematical processes that their calculators accomplish for them--and help them to better understand what the end result means. • The "Looking Ahead" feature gives students a taste of forthcoming topics--showing them how the concepts and skills they're reading about will be useful in helping them grasp material covered later. • The "Critical Thinking" feature provides additional clarification on specific concepts, such as what tests are appropriate for what situations, what assumptions need to be made, what biases may affect the results, and when conclusions are justified. • "Statistical Literacy Problems" in every section and problem set test understanding of terminology, statistical methods, and the appropriate conditions for use of the different processes. "Writing Projects" test both statistical literacy and critical thinking by asking students to express their understanding in words. • "What Does . . . Tell Us?" and "Important Features of a . . ." provide brief just-in-time summaries of key concepts.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This text is used primarily in AP® Statistics courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:

Notetaking Guide	9781285464190
Student Solutions Manual	9781285462837
Teacher's Resource Manual	9781285463179
Instructor's Annotated Edition	9781285462820
PowerLecture CD-ROM with ExamView® Test Generator	9781285462851
DVD Program	9781285462844
Fast Track to a 5 AP® Test Preparation Workbook	9781285464077

Digital Options: Aplia, CourseMate, VitalSource

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Professional Development /Training Required?	☐ **YES**	☒ X
If applicable, explain in-service training, required, number of hours and fees associated with service:		

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Aplia, CourseMate, and VitalSource
Cross Platform Functionality:	**Aplia:** Windows: XP, Vista, Windows 7 Macintosh: OS X versions 10.5 and later **CourseMate:** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**Aplia:** Versions 10 and later of the Adobe Flash Player are required to access most Aplia content. Aplia requires that users have javascript enabled on their system to access the site. Additionally, pop-ups must be allowed for access to the full functionality of the site. **CourseMate:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**Aplia**: The Aplia system is designed for a minimum screen resolution of 1024x768 (XGA). Lower resolutions may be used, but there will be a significant amount of horizontal scrolling. **CourseMate:** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**Aplia:** High Speed Internet Connection (Cable, DSL) is recommended **CourseMate:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**Aplia**: iPad must use flash enabling browser. Chromebook: via online browser only, latest version of Chrome browser supported. **CourseMate:** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to Aplia, CourseMate, and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**Aplia:** auto-updates as needed. **CourseMate:** auto-updates as needed **Vital Source:** NA
Tools & Features:	**Aplia:** Aplia for statistics is dedicated to improving students' learning by increasing their effort and engagement in your class. Founded by a teacher for other teachers, Aplia offers students premium, automatically graded assignments with detailed explanations that ensure they put forth effort on a regular basis. **CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: **(this must match Submission/Bid Form & Sample)** **Cengage Learning**	**Author(s):** **(this must match Submission/Bid Form & Sample)** **Single Variable Calculus, 8th Edition**	**Copyright:** **(this must match Submission/Bid Form & Sample)** **2016** **ISBN number:** **(must match Submission-Bid Form & Sample)** **9781305266704**
Subject Area: **(this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample)** **AP Calculus**	**Author(s):** **(this must match Submission/Bid Form & Sample)** **James Stewart**	**Grade Level:** **(this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **High School ID Common Core State Standards**		

Key Features: **(This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)**	James Stewart's Single Variable Calculus is widely renowned for its mathematical precision and accuracy, clarity of exposition, and outstanding examples and problem sets. Millions of students worldwide have explored calculus through Stewart's trademark style, while instructors have turned to his approach time and time again. In the Eighth Edition of Single Variable Calculus, Stewart continues to set the standard for the course while adding carefully revised content. The patient explanations, superb exercises, focus on problem solving, and carefully graded problem sets that have made Stewart's texts best-sellers continue to provide a strong foundation for the Eighth Edition. From the most unprepared student to the most mathematically gifted, Stewart's writing and presentation serve to enhance understanding and build confidence • Four carefully crafted diagnostic tests in algebra, analytic geometry, functions, and trigonometry appear at the beginning of the text. These provide students with a convenient way to test their pre-existing knowledge and brush up on skills they need to successfully begin the course. • Stewart's writing style speaks clearly and directly to students, guiding them through key ideas, theorems, and problem-solving steps, and encouraging them to think as they read and learn. • Every concept is supported by thoughtfully worked examples—many with step-by-step explanations—and carefully chosen exercises. The quality of this pedagogical system is what sets Stewart's texts above others. • The text's clean, user-friendly design provides a clear presentation of calculus. The art program, with its functional and consistent use of color, helps students identify and review mathematical concepts more easily. • Stewart draws on physics, engineering, chemistry, biology, medicine, and social science to motivate students and demonstrate the power of calculus as a problem-solving tool in a wide variety of fields. • Stewart's text offers an extensive collection of more than 8,000 quality exercises. Each exercise set is carefully graded, progressing from skill-development problems to more challenging problems involving applications and proofs. The wide variety of types of exercises includes many technology-oriented, thought-provoking, real, and engaging problems. • Comprehensive review sections follow each chapter and further support conceptual understanding. • "Strategies" sections (based on George Polya's problem-solving methodology) help students select what techniques they'll need to solve problems in situations where the choice is not obvious, and help them develop true problem-solving skills and intuition. • More challenging exercises called "Problems Plus" follow the end-of-chapter exercises. These sections reinforce concepts by requiring students to apply techniques from more than one chapter of the text, and by patiently showing them how to approach a challenging problem.

Intended Use: **(spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)**	This text is used primarily in AP Calculus courses in secondary settings.

Best Practices in Program Design:	**In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.**

Main Components & Ancillary Items Needed for Implementation:

Student Edition	9781305266704
Fast Track to a 5 AP Test Preparation Workbook	9781305268623
AP Teacher's Resource Guide	9781305271791
Study Guide (Single Variable)	9781305279131
Student Solutions Manual (Single Variable)	9781305271814

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Complete Solutions Manual (Single Variable)	9781305276109
instructor's Manual	9781305271784
Test Bank	9781305271807

Professional Development /Training Required? ☐ **YES** ☒ x

If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Coursemate** **Enhanced WebAssign** **VitalSource**
Cross Platform Functionality:	**CourseMate/EnhancedWebAssign** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**CourseMate/Enhanced WebAssign:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate/Enhanced WebAssign** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate/Enhanced WebAssign:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate/Enhanced WebAssign** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices via a downloadable app.
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to CourseMate, Enhanced WebAsign, and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**CourseMate/Enhanced WebAssign:** Updates as needed**.** **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **Enhanced WebAssign**: Enhanced WebAssign is an easy-to-implement, fully customizable online learning solution. Instructors are enabled to create and deploy assignments and instantly assess student and whole class performance which can then be shared with administrators, students, and parents. Students benefit from real-time scoring to gauge progress and reinforce concepts. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: **(this must match Submission/Bid Form & Sample)** **Cengage Learning**	**Author(s):** **(this must match Submission/Bid Form & Sample)** **Calculus, 8th Edition**	**Copyright:** **(this must match Submission/Bid Form & Sample)** **2016** **ISBN number:** **(must match Submission-Bid Form & Sample)** **9781305266698**
Subject Area: **(this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample)** **AP Calculus**	**Author(s):** **(this must match Submission/Bid Form & Sample)** **James Stewart**	**Grade Level:** **(this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **High School ID Common Core State Standards**		

Key Features: **(This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)**	James Stewart's Calculus is widely renowned for its mathematical precision and accuracy, clarity of exposition, and outstanding examples and problem sets. Millions of students worldwide have explored calculus through Stewart's trademark style, while instructors have turned to his approach time and time again. In the Eighth Edition of Calculus, Stewart continues to set the standard for the course while adding carefully revised content. The patient explanations, superb exercises, focus on problem solving, and carefully graded problem sets that have made Stewart's texts best-sellers continue to provide a strong foundation for the Eighth Edition. From the most unprepared student to the most mathematically gifted, Stewart's writing and presentation serve to enhance understanding and build confidence • Four carefully crafted diagnostic tests in algebra, analytic geometry, functions, and trigonometry appear at the beginning of the text. These provide students with a convenient way to test their pre-existing knowledge and brush up on skills they need to successfully begin the course. • Stewart's writing style speaks clearly and directly to students, guiding them through key ideas, theorems, and problem-solving steps, and encouraging them to think as they read and learn. • Every concept is supported by thoughtfully worked examples—many with step-by-step explanations—and carefully chosen exercises. The quality of this pedagogical system is what sets Stewart's texts above others. • The text's clean, user-friendly design provides a clear presentation of calculus. The art program, with its functional and consistent use of color, helps students identify and review mathematical concepts more easily. • Stewart draws on physics, engineering, chemistry, biology, medicine, and social science to motivate students and demonstrate the power of calculus as a problem-solving tool in a wide variety of fields. • Stewart's text offers an extensive collection of more than 8,000 quality exercises. Each exercise set is carefully graded, progressing from skill-development problems to more challenging problems involving applications and proofs. The wide variety of types of exercises includes many technology-oriented, thought-provoking, real, and engaging problems. • Comprehensive review sections follow each chapter and further support conceptual understanding. • "Strategies" sections (based on George Polya's problem-solving methodology) help students select what techniques they'll need to solve problems in situations where the choice is not obvious, and help them develop true problem-solving skills and intuition. • More challenging exercises called "Problems Plus" follow the end-of-chapter exercises. These sections reinforce concepts by requiring students to apply techniques from more than one chapter of the text, and by patiently showing them how to approach a challenging problem.

Intended Use: **(spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)**	This text is used primarily in AP Calculus courses in secondary settings.

Best Practices in Program Design:	In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.

Main Components & Ancillary Items Needed for Implementation:

Student Edition	9781305266698
Fast Track to a 5 AP Test Preparation Workbook	9781305268623
AP Teacher's Resource Guide	9781305271791
Study Guide (Single Variable)	9781305279131
Study Guide (Mutilvariable)	9781305271845
Student Solutions Manual (Single Variable)	9781305271814

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Student Solutions Manual (Mutilvariable)	9781305271821
Complete Solutions Manual (Single Variable)	9781305276109
Complete Solutions Manual (Mutilvariable)	9781305276116
instructor's Manual	9781305271784
Test Bank	9781305271807

Professional Development /Training Required? ☐ **YES** ☒ **X**

If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Coursemate** **Enhanced WebAssign** **VitalSource**
Cross Platform Functionality:	**CourseMate/EnhancedWebAssign** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**CourseMate/Enhanced WebAssign:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate/Enhanced WebAssign** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate/Enhanced WebAssign:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate/Enhanced WebAssign** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices via a downloadable app.
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to CourseMate, Enhanced WebAsign, and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**CourseMate/Enhanced WebAssign:** Updates as needed**.** **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **Enhanced WebAssign**: Enhanced WebAssign is an easy-to-implement, fully customizable online learning solution. Instructors are enabled to create and deploy assignments and instantly assess student and whole class performance which can then be shared with administrators, students, and parents. Students benefit from real-time scoring to gauge progress and reinforce concepts. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: **(this must match Submission/Bid Form & Sample)** **Cengage Learning**	**Author(s):** **(this must match Submission/Bid Form & Sample)** **Single Variable Calculus: Early Transcendentals 8th Edition**	**Copyright:** **(this must match Submission/Bid Form & Sample)** **2016** **ISBN number:** **(must match Submission-Bid Form & Sample)** **9781305267275**
Subject Area: **(this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample)** **AP Calculus**	**Author(s):** **(this must match Submission/Bid Form & Sample)** **James Stewart**	**Grade Level:** **(this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **High School ID Common Core State Standards**		

Key Features: **(This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)**	James Stewart's Single Variable Calculus: Early Transcendentals is widely renowned for its mathematical precision and accuracy, clarity of exposition, and outstanding examples and problem sets. Millions of students worldwide have explored calculus through Stewart's trademark style, while instructors have turned to his approach time and time again. In the Eighth Edition of Single Variable Calculus: Early Transcendentals, Stewart continues to set the standard for the course while adding carefully revised content. The patient explanations, superb exercises, focus on problem solving, and carefully graded problem sets that have made Stewart's texts best-sellers continue to provide a strong foundation for the Eighth Edition. From the most unprepared student to the most mathematically gifted, Stewart's writing and presentation serve to enhance understanding and build confidence • Four carefully crafted diagnostic tests in algebra, analytic geometry, functions, and trigonometry appear at the beginning of the text. These provide students with a convenient way to test their pre-existing knowledge and brush up on skills they need to successfully begin the course. • Stewart's writing style speaks clearly and directly to students, guiding them through key ideas, theorems, and problem-solving steps, and encouraging them to think as they read and learn. • Every concept is supported by thoughtfully worked examples—many with step-by-step explanations—and carefully chosen exercises. The quality of this pedagogical system is what sets Stewart's texts above others. • The text's clean, user-friendly design provides a clear presentation of calculus. The art program, with its functional and consistent use of color, helps students identify and review mathematical concepts more easily. • Stewart draws on physics, engineering, chemistry, biology, medicine, and social science to motivate students and demonstrate the power of calculus as a problem-solving tool in a wide variety of fields. • Stewart's text offers an extensive collection of more than 8,000 quality exercises. Each exercise set is carefully graded, progressing from skill-development problems to more challenging problems involving applications and proofs. The wide variety of types of exercises includes many technology-oriented, thought-provoking, real, and engaging problems. • Comprehensive review sections follow each chapter and further support conceptual understanding. • "Strategies" sections (based on George Polya's problem-solving methodology) help students select what techniques they'll need to solve problems in situations where the choice is not obvious, and help them develop true problem-solving skills and intuition. • More challenging exercises called "Problems Plus" follow the end-of-chapter exercises. These sections reinforce concepts by requiring students to apply techniques from more than one chapter of the text, and by patiently showing them how to approach a challenging problem.

Intended Use: **(spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)**	This text is used primarily in AP Calculus courses in secondary settings.

Best Practices in Program Design:	**In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.**

Main Components & Ancillary Items Needed for Implementation:

Student Edition	9781305267275
Fast Track to a 5 AP Test Preparation Workbook	9781305267282
AP Teacher's Resource Guide	9781305272613
Study Guide (Single Variable)	9781305279148
Student Solutions Manual (Single Variable)	9781305272422

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

	Complete Solutions Manual (Single Variable)	9781305272392
	instructor's Guide	9781305272613
	Test Bank	9781305387225

Professional Development /Training Required?	☐ **YES**	☒
If applicable, explain in-service training, required, number of hours and fees associated with service:		

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Coursemate** **Enhanced WebAssign** **VitalSource**
Cross Platform Functionality:	**CourseMate/EnhancedWebAssign** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**CourseMate/Enhanced WebAssign:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate/Enhanced WebAssign** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate/Enhanced WebAssign:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate/Enhanced WebAssign** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices via a downloadable app.
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to CourseMate, Enhanced WebAsign, and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**CourseMate/Enhanced WebAssign:** Updates as needed**.** **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **Enhanced WebAssign**: Enhanced WebAssign is an easy-to-implement, fully customizable online learning solution. Instructors are enabled to create and deploy assignments and instantly assess student and whole class performance which can then be shared with administrators, students, and parents. Students benefit from real-time scoring to gauge progress and reinforce concepts. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: **(this must match Submission/Bid Form & Sample)** **Cengage Learning**	**Author(s):** **(this must match Submission/Bid Form & Sample)** **Calculus: Early Transcendentals 8th Edition**	**Copyright:** **(this must match Submission/Bid Form & Sample)** **2016** **ISBN number:** **(must match Submission-Bid Form & Sample)** **9781305267268**
Subject Area: **(this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample)** **AP Calculus**	**Author(s):** **(this must match Submission/Bid Form & Sample)** **James Stewart**	**Grade Level:** **(this must match Submission/Bid Form & Sample)** **9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **High School ID Common Core State Standards**		

Key Features: **(This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)**	James Stewart's Calculus: Early Transcendentals is widely renowned for its mathematical precision and accuracy, clarity of exposition, and outstanding examples and problem sets. Millions of students worldwide have explored calculus through Stewart's trademark style, while instructors have turned to his approach time and time again. In the Eighth Edition of Calculus: Early Transcendentals, Stewart continues to set the standard for the course while adding carefully revised content. The patient explanations, superb exercises, focus on problem solving, and carefully graded problem sets that have made Stewart's texts best-sellers continue to provide a strong foundation for the Eighth Edition. From the most unprepared student to the most mathematically gifted, Stewart's writing and presentation serve to enhance understanding and build confidence • Four carefully crafted diagnostic tests in algebra, analytic geometry, functions, and trigonometry appear at the beginning of the text. These provide students with a convenient way to test their pre-existing knowledge and brush up on skills they need to successfully begin the course. • Stewart's writing style speaks clearly and directly to students, guiding them through key ideas, theorems, and problem-solving steps, and encouraging them to think as they read and learn. • Every concept is supported by thoughtfully worked examples—many with step-by-step explanations—and carefully chosen exercises. The quality of this pedagogical system is what sets Stewart's texts above others. • The text's clean, user-friendly design provides a clear presentation of calculus. The art program, with its functional and consistent use of color, helps students identify and review mathematical concepts more easily. • Stewart draws on physics, engineering, chemistry, biology, medicine, and social science to motivate students and demonstrate the power of calculus as a problem-solving tool in a wide variety of fields. • Stewart's text offers an extensive collection of more than 8,000 quality exercises. Each exercise set is carefully graded, progressing from skill-development problems to more challenging problems involving applications and proofs. The wide variety of types of exercises includes many technology-oriented, thought-provoking, real, and engaging problems. • Comprehensive review sections follow each chapter and further support conceptual understanding. • "Strategies" sections (based on George Polya's problem-solving methodology) help students select what techniques they'll need to solve problems in situations where the choice is not obvious, and help them develop true problem-solving skills and intuition. • More challenging exercises called "Problems Plus" follow the end-of-chapter exercises. These sections reinforce concepts by requiring students to apply techniques from more than one chapter of the text, and by patiently showing them how to approach a challenging problem.

Intended Use: **(spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)**	This text is used primarily in AP Calculus courses in secondary settings.

Best Practices in Program Design:	**In order to provide the optimal teaching and learning experience, National Geographic Learning/Cengage Learning solutions are developed with teacher and student success as the primary goal. Any and all resources or features that contribute to that success are included in the program.**

Main Components & Ancillary Items Needed for Implementation:

Student Edition	9781305267268
Fast Track to a 5 AP Test Preparation Workbook	9781305267282
AP Teacher's Resource Guide	9781305272613
Study Guide (Single Variable)	9781305279148
Study Guide (Mutilvariable)	9781305271845

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	Student Solutions Manual (Single Variable)	9781305272422
	Student Solutions Manual (Mutilvariable)	9781305271821
	Complete Solutions Manual (Single Variable)	9781305272392
	Complete Solutions Manual (Mutilvariable)	9781305276116
	instructor's Guide	9781305272613
	Test Bank	9781305387225

Professional Development /Training Required?	☐ **YES**	☒
If applicable, explain in-service training, required, number of hours and fees associated with service:		

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Coursemate** **Enhanced WebAssign** **VitalSource**
Cross Platform Functionality:	**CourseMate/EnhancedWebAssign** PC, MAC, for iPad must use flash enabling browser (ex. Puffin or Photon), Android devices, for Chromebook-compatible, however issues with games (cross words puzzles, flash cards all require Java). Chrome Browser : Chrome 26 or higher, latest version is preferred **Vital Source:** PC, MAC, iPad, Android devices, Chromebook- available via cloud offering at online.vitalsource.com using Chrome browser
Plugins Needed: (Flash, Shockwave)	**CourseMate/Enhanced WebAssign:** CourseMate requires that users enable JavaScript browser plugin on their systems. Users must have Java enabled to use CourseMate. **Vital Source: NA**
Screen Resolution:	**CourseMate/Enhanced WebAssign** CourseMate requires a minimum screen resolution of 1024 x 768 **Vital Source: NA**
Connectivity Speed Requirement:	**CourseMate/Enhanced WebAssign:** High Speed Internet Connection (Cable, DSL) is recommended **Vital Source: NA**
Mobile Device Capability:	**CourseMate/Enhanced WebAssign** for iPad must use flash enabling browser (ex. Puffin or Photon) CourseMate requires that users enable JavaScript browser plugin on their systems. **Vital Source:** compatible with iPad and Android devices via a downloadable app.
Licensing Model(s): (Subscription, 1 yr., etc.)	**Prebuilt packages include access to CourseMate, Enhanced WebAsign, and VitalSource for six years. Access for other lengths of time can be administered.**
Updating Process: (How often, auto updates, etc.)	**CourseMate/Enhanced WebAssign:** Updates as needed**.** **Vital Source:** NA
Tools & Features:	**CourseMate:** CourseMate for mathematics brings course concepts to life with interactive learning, study, and exam preparation tools. This online learning tool includes an integrated eBook, interactive teaching and learning resources—including quizzes, flashcards, and videos—and Engagement Tracker, a unique tool that monitors student preparation and engagement in the course. **Enhanced WebAssign**: Enhanced WebAssign is an easy-to-implement, fully customizable online learning solution. Instructors are enabled to create and deploy assignments and instantly assess student and whole class performance which can then be shared with administrators, students, and parents. Students benefit from real-time scoring to gauge progress and reinforce concepts. **VitalSource:** Vitalsource Bookshelf® is the most advanced e-book software in the world. You get three-way access to your books: download, online, and mobile. Notes and highlights automatically stay in sync no matter where you make them.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Curriculum Associates, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** ***Ready® Common Core Mathematics* and *i-Ready® Diagnostic & Instruction* for Mathematics**	**Copyright: (this must match Submission/Bid Form & Sample)** **K-1: 2014** **2-5: 2016** **ISBN number: (must match Submission-Bid Form & Sample)** **ISBNS below are for the 1 year complete package of *Ready® Common Core Mathematics* and Practice and Problem Solving Book and *i-Ready® Diagnostic & Instruction* for Mathematics** **Grade K 9781495722660** **Grade 1 9781495722721** **Grade 2 9781495722790** **Grade 3 9781495722868** **Grade 4 9781495722936** **Grade 5 9781495723001**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Curriculum Associates**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grades K-5**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Mathematics K-5, Idaho Core Standards		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Curriculum Associates' solution is research-based and proven to yield measurable improvements in students' performance against the more challenging Common Core State Standards (CCSS). Combining valid and reliable assessment, rigorous core instruction, and meaningful practice, intervention, and enrichment for those who need it, this approach includes ***Ready Common Core* and *i-Ready Diagnostic & Instruction***:
	• Diagnose: Identify student needs at the sub-skill level, based on the expectations of the Common Core and Idaho state standards with the computer-adaptive *i-Ready Diagnostic* assessment (three times each academic year—beginning, mid, and end).
	• Whole-class instruction: Use *Ready Common Core print materials* as the core day-to-day mathematics curriculum.
	• Differentiate: Use the teacher-friendly reports from *i-Ready Diagnostic* reports to identify specific resources and lessons for individual and small group intervention within *Ready Common Core* print program.
	• Independent instruction, practice, and homework: Use the *Practice and Problem Solving Book and i-Ready Instruction.*
	• Progress monitoring: Track student progress via *Ready Assessments* and *i-Ready's* web-based diagnostic, interim growth monitoring, embedded progress monitoring, and standards mastery assessments.
	Key features of these programs are summarized in the list below.
	• *Ready Common Core* is a rigorous, on-grade level instruction and practice program for mathematics that fully prepares students for the Idaho Core State Standards for mathematics. Highly supportive for students, *Ready* also provides teachers of all backgrounds and experience levels with step-by-step, point-of-use professional development to teach the standards most effectively.
	• Specifically designed and developed for the Common Core, *Ready Common Core* and *i-Ready Diagnostic & Instruction* reflect the Common Core Publishers' Criteria, learning progression documents, and the guidance from the Smarter Balanced Assessment Consortium. The solution provides print and online resources (including interactive whiteboard lessons) to differentiate instruction for students across the performance spectrum.
	• The *Ready Mathematics* Student Books contain two types of lessons—concept and skills lessons. The "Focus on Math Concepts" lessons encourage students to pause from the procedural and just concentrate on the conceptual, while the "Develop Skills and Strategies" lessons build students' fluency by leading students to develop, practice, and apply new skills to solve problems.
	• The *Ready Mathematics* Student Books expose students to multiple representations—to measure whether or not students have gained a deep understanding of a mathematical concept, assessment items must include multiple representations. EngageNY.org specifies three "buckets" of multiple representations:
	  ○ **Procedural Skills:** These apply to standards that reference verbs such as *compute, solve, identify, interpret, use, make,* and *find solutions*. Procedural representations are most often multiple-choice questions that require students to apply and identify mathematical processes in various ways.
	  ○ **Conceptual Understanding:** These representations use verbs such as *understand, explain, represent,* and *describe* when applied to standards, which results in students having to combine mathematical practices.
	  ○ **Application:** Unique to the Common Core, application standards are represented by tasks. In general, in order to complete these tasks, students must use both procedural knowledge and conceptual understanding.

	The *Ready* program addresses all three of the multiple representations buckets. Both the Develop Skills and Strategies lessons and the Focus on Math Concepts lessons use language such as *solve, identify*, and *use*, while the Focus on Math Concepts lessons encourage students to *understand* and *explain*. The Performance Tasks at the end of every unit make sure students are able to combine procedural knowledge and conceptual understanding. • The teacher-led Mathematical Discourse feature in the *Ready* lessons guides collaborative reasoning and the exchange of ideas and mathematical arguments. Lessons also provide error analysis exercises that ask students to examine a fictional student's wrong answer. There are also multiple opportunities throughout each lesson to explain and communicate reasoning. • With the rigor to teach and assess the CCSS, *Ready Common Core* Depth of Knowledge (DOK) item distributions are based on item specifications from Smarter Balanced and were evaluated using the Smarter Balanced Cognitive Rigor Matrix. There is a natural progression within the *Ready* lessons that aligns DOK levels with the standards (analyzing, integrating, synthesizing). • The *Practice and Problem Solving Book*—which extends learning with activities and games that provide repeated opportunities for students to develop understanding and fluency of key skills and concepts—can be used for independent practice in class, after school, or at home. A family letter for every lesson helps parents or caregivers understand the content and participate in the lesson activity with their child. Rigorous performance tasks ask students to integrate concepts and skills from multiple standards within the unit to solve multi-step problems, and computation practice worksheets at the end of the book require students to demonstrate procedural fluency. • For grades K–1, *Ready* helps young learners build the conceptual understanding needed to tackle more complex mathematical concepts. Each lesson begins with an engaging group activity that draws upon prior knowledge, then moves to interactive pictorial representations of the same skill or concept, while encouraging students to show their thinking. • For grades 2–5, Math in Action lessons at the end of every unit teach students how to solve performance tasks and require the integration of multiple standards. The Standards for Mathematical Practice Handbook in the student book makes mathematical habits of mind truly accessible. The Student Glossary embeds additional vocabulary support and enhances explicit vocabulary instruction. Lesson Quizzes in the *Teacher Toolbox* provide opportunities to assess mastery of the standard taught on the lesson. • *i-Ready Diagnostic* computer-adaptive assessments collect a broad spectrum of data on students' abilities, identify areas where learners are struggling, measure growth across each student's K-12 career, and prescribe an instructional path that includes explicit next steps for teacher-led and online instruction. • *Ready Assessments* (print) and *i-Ready Diagnostic* (online) prepare students for more complex statewide assessments with technology-enhanced items, full-length practice tests, and interim assessments that include performance tasks. • The online, fixed-form *i-Ready Standards Mastery* assessments for grades 2–8 provide targeted insight into each student's mastery of individual, grade-level standards through a blend of constructed-response, open-ended response, and selected-response items plus a broad range of media with embedded audio, video, and imagery. • The comprehensive *Ready Teacher Resource Book* supports teachers of all experience levels with point-of-impact professional learning—every page delivers critical background knowledge (including the Common Core learning progression and prerequisite skills). Throughout, the guide embeds best-practice teaching tips—such as integrating questions to lead meaningful classroom discussions, interactive listening and media activities to encourage real-world connections, and opportunities for students to explain their thinking and demonstrate their understanding of concepts—and explicit guidance on diagnosing student needs and differentiating instruction for a diverse range of learners (including English language learners) and learning styles.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	*Ready* is intended for daily, whole-group instruction, supplemented by online *Teacher Toolbox* and *i-Ready* resources designed to differentiate instruction and intervention for small-groups, centers, and individual students. *Ready* provides a logical sequence of CCSS coverage around which teachers can build robust and rigorous curriculum, true to the intent and details of the Common Core. *Ready* teaches the strategies, models, and concepts of the CCSS and embeds the Standards for Mathematical Practice throughout the lessons. Throughout *Ready*, there is a balance of conceptual understanding (the why) and procedural fluency (the how). There is a lesson to cover each of the Common Core mathematics standards. The program is organized by units and lessons and designed to teach on-grade level standards through teacher-led whole-class and small-group instruction, and independent practice and assessment. Use the *Ready Student Instruction* book and the interactive whiteboard lessons from the online *Teacher Toolbox* to teach each standard to the whole class, one lesson per week. Use activities and supporting materials from the *Teacher Resource Book, Teacher Toolbox,* and *i-Ready* to further differentiate instruction. The *Teacher Toolbox* includes all *Ready* mathematics lessons from K-8, plus guided interactive tutorials, downloadable *Tools for Instruction* lesson plans, and Math Center Activities. *i-Ready Diagnostic*—which diagnoses and monitors each student's learning needs and progress—is administered three times per year (with 12-18 weeks of instruction between testing) to . Students engage with the interactive online lessons in *i-Ready Instruction*—which are prescribed as a result of the adaptive diagnostic—for at least 45 minutes per week.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Best Practices in Program Design:

Ready's Instructional lessons on every Common Core standard follow a research-based and proven gradual release model that includes five parts:

Introduction	Modeled Instruction	Guided Instruction	Guided Practice	CCSS Practice
Taps into students' prior knowledge, probes for their understanding of background skills and concepts, and introduces the material to be taught	Walks students step-by-step through the process of anwering the questions	Helps students understand what the questions or problems are asking, as well as how to answer or solve them	Gives students hints to answer the questions or solve the problems and further develop their understanding	Challenges students to work independently to demonstrate mastery of the standards

The *Teacher Resource Book* provides step-by-step teacher support and teaching suggestions that build student understanding. At the beginning of each unit, a chart clearly shows the lessons on which the students will be building, as well as those they are preparing for. This format helps teachers make connections across the CCSS. For each lesson, the *Teacher Resource Book* lists the lesson's objectives, and the Learning Progression shows teachers the standard that is taught in the lesson. Prerequisite skills required for success in the lesson are also listed, as are new vocabulary and terms that should be reviewed. The *Teacher Toolbox* identifies on-level and prerequisite lessons, activities, and tutorials that are connected to the lesson and available online.
i-Ready Instruction's online lessons are prescribed as a result of the adaptive diagnostic assessment. Lessons follow a natural developmental progression: skills that students learn in earlier lessons build the foundation for later lessons. Each module includes explicit instruction, guided practice, and a short quiz for progress monitoring purposes. *i-Ready's* instructional modules are interactive and engage students in their learning, provide immediate corrective feedback and practice in what is being taught, and conclude with a quiz to ensure the student has mastered the lesson.
The online lessons promote active student participation in learning, as users interact with the program every 30 seconds or less by clicking on answers, using online tools and virtual manipulatives, typing in text or numbers, and manipulating models. *i-Ready* also embeds numerous instructional supports—such as defining academic language in context at point-of-use—particularly helpful to English language learners and students served by Special Education.

Main Components & Ancillary Items Needed for Implementation:

Ready Student Instruction Book
Ready Practice and Problem Solving Book
Ready SBAC Assessment Book (grades 2-8) (optional)
Ready Teacher Resource Book
Teacher Toolbox
i-Ready Diagnostic (optional but recommended)
i-Ready Instruction (optional add-on modules for Diagnostic users)

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:
Curriculum Associates will work each client to craft a customized, cost-effective professional development plan. Each implementing teacher should participate in 6-7 hours of professional development. We offer a blended-learning package that includes the following onsite sessions for $4,500/site:

- Beginning of year centralized professional development sessions adapted to prepare leaders and teachers to successfully launch a blended approach that includes *Ready* and *i-Ready*:
  - For every principal/administrator leading site implementation (3 hours/session)
  - For every teacher (4 hours/session)
- For every site:
  - Understanding Data (3 hours/session)
  - 2 Coaching Sessions (3-4 hours/session)

À la carte, our rate for onsite professional development is $1,400/session (three to four hours in duration). Each direct-to-staff session accommodates up to 30 participants.
To supplement customized, fee-based onsite trainings, educators will have 24/7 access to complimentary training webinars on Curriculum Associates' website, as well as the benefit of the previously described embedded professional development in the *Teacher Resource Book, Teacher Toolbox,* and *i-Ready*.

Full disclosure for digital materials: (please complete for digital curricular materials only)

Platform:

The *Teacher Toolbox* and *i-Ready Diagnostic & Instruction* are web-delivered software for teachers and administrators. The requirements for running these programs are:

- Microsoft Windows:
  - CPU Intel® Pentium 4 2.33 GHz or faster x86 compatible processor, or Intel Atom 1.6GHZ or faster processor for netbooks.
  - Memory 1GB minimum, 2 GB or higher recommended
  - Video RAM 128 MB minimum, 256 MB or higher recommended
  - Sound card & headphones or speakers
- Apple Mac Computers:
  - CPU Intel Core™ Duo 1.83 GHz or faster processor
  - Memory 1GB minimum, 2 GB or higher recommended
  - Video RAM 128 MB minimum, 256 MB or higher recommended
  - Sound card & headphones or speakers
- Chromebooks
  - CPU Intel Celeron™ 1.4 GHz or faster processor, ARM Processor (except Exynos processor)
  - Memory 1 GB minimum; 2 GB or higher recommended
  - Video RAM 128 MB minimum, 256 MB or higher recommended
  - Sound card & headphones or speakers

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Cross Platform Functionality:	The software is compatible with Windows, Apple, and Chromebook platforms.

Plugins Needed: (Flash, Shockwave)	• Adobe Flash Player 18.0.0.209 and higher supported. The latest version of the Flash Player can be downloaded here: http://get.adobe.com/flashplayer.
	• (Windows only) Adobe Reader. The latest version of the Adobe Reader can be downloaded here: http://get.adobe.com/reader.
	• The *Teacher Toolbox* and *i-Ready Diagnostic & Instruction* require the following settings for the web browser:
	  ○ JavaScript must be enabled
	  ○ Cookies must be enabled
	  ○ Pop-ups must be allowed for login.i-ready.com for teacher reports

Screen Resolution:	1024 x 768 or greater
Connectivity Speed Requirement:	• The *Teacher Toolbox* and *i-Ready Diagnostic & Instruction* require a full-time, high-bandwidth Internet connection. • We suggest that each student using *i-Ready Diagnostic & Instruction* have access to 256 bit/s throughput at a given time. • Firewalls, content filters, proxy servers, and virus scanning software can all impact performance of the software, even in cases where network bandwidth appears sufficient. When possible, bypass any content filters or proxy servers, and/or make sure that proxy server cache and other settings are configured properly to avoid network bottlenecks. Ensure automatic virus scanning (both at user workstations and at network level) is occurring off hours.
Mobile Device Capability:	The *Teacher Toolbox* and *i-Ready Diagnostic & Instruction* are not currently compatible with mobile devices. While the full *i-Ready* program does not currently support mobile devices, a substantial amount of fact fluency and computational fluency practice is currently available as iOS apps for the iPad. For 2016, we are working on building new content to be compatible with iPads, including new foundational math lessons (focusing on grades K-2) and *i-Ready Standards Mastery* assessments.
Licensing Model(s): (Subscription, 1 yr., etc.)	*Ready Math* is a print-based program for students and its components are sold on a per-piece basis. We do have 1-year and 5-year pricing for the print student edition alone or in combination with *i-Ready Diagnostic* and *i-Ready Diagnostic & Instruction*. The online *Teacher Toolbox* and *i-Ready Diagnostic & Instruction* are provided under a user license subscription as Software-as-a-Service applications. For *i-Ready*, the per-student or site-based license fee **includes** account set-up and management, access to all program features and functionality, unlimited access to our U.S.-based Technical Support and Customer Service teams, plus application hosting, data security, and all program maintenance, upgrades, and enhancements during the active license term.
Updating Process: (How often, auto updates, etc.)	Program updates and enhancements for the *Teacher Toolbox* and *i-Ready Diagnostic & Instruction* are included in the license fee. We roll these updates, upgrades, and enhancements into new releases, which we deploy periodically throughout the year (typically three to four releases annually for *i-Ready*; fewer for the *Teacher Toolbox*). Updates are pushed from our secure servers and automatically available to users upon their next login.*Ready Math* is a print based program for students. If Curriculum Associates releases a print update, we will work with the Idaho State Department for substitution if warranted.
Tools & Features:	***Ready Teacher Toolbox*:**The easy-to-use online *Teacher Toolbox* is a virtual filing cabinet of K–8 *Ready Mathematics* resources that provides teachers with immediate access to detailed lessons and digital tutorials for students performing on, below or above grade level. Contents include: • *Ready Instruction* (Grades K–8): PDF versions of ALL instructional lessons from the *Ready* student and teacher books (can be projected). • *Ready Assessments* (Grades 2–8):Full-length assessments designed to measure level of student mastery of the high-rigor standards. • *Tools for Instruction* (Grades K–8): Provides teachers with alternative teaching strategies for challenging concepts or skills. Includes research-based classroom and small-group activities that provide teachers with step-by-step guidance for teaching a skill. • *Interactive Lessons for Supporting Skills* (Grades K–8): Engaging whole-class or small-group instruction to reinforce learning. These lessons can be projected from a computer or used on any interactive whiteboard. • *Ready Practice and Problem Solving* (Grades K–8): Rich practice and games provide additional opportunities for students to develop understanding and fluency with key skills and concepts. Designed for flexibility, *Ready Practice and Problem Solving* can be used for homework, independent classroom practice, and in after-school settings. A family letter for every lesson helps adult family members understand the content and participate in the lesson activity with their child. The letter is also available in Spanish. • *Ready Center Activities* (Grades 2–5): These hands-on practice activities, vocabulary activities, and games are differentiated for three different skill levels— below, on, and above. Students do these activities independently, in pairs, or in small groups. Center Activities reinforce concepts and encourage mathematical discourse. Curriculum Associates designed these activities to be used in a rotational classroom model, as a differentiated activity after a lesson, or in student-led small groups. ***i-Ready Diagnostic & Instruction:*** *i-Ready Diagnostic* is a web-based adaptive diagnostic assessment that lets educators diagnose and monitor each student's learning needs and progress. *i-Ready Instruction* lessons are automatically assigned to each student based on the results of the diagnostic, providing personalized instruction and intervention. Components include: • Computer-adaptive, proven valid and reliable diagnostic assessments that offer a continuum of scale scores from kindergarten through high school. *i-Ready's* sophisticated adaptive algorithm automatically

	selects from thousands of multiple-choice and technology-enhanced items to get to the core of each student's strengths and challenges, regardless of the grade level at which he or she is performing. • *i-Ready Standards Mastery* assessments to target student mastery of specific standards. • Online interactive lessons that engage students and focus on their areas of need. • *Door 24 Plus* app for iPads offers fact and computational fluency games that provide highly engaging, meaningful math practice.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Curriculum Associates, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** ***Ready® Common Core Mathematics* and *i-Ready® Diagnostic & Instruction* for Mathematics**	**Copyright: (this must match Submission/Bid Form & Sample)** **Instruction: 2014** **Practice and Problem Solving: 2016** **Assessments: 2016** **ISBN number: (must match Submission-Bid Form & Sample)** **ISBNS below are for the 1 year complete package of *Ready® Common Core Mathematics* and Practice and Problem Solving Book and *i-Ready® Diagnostic & Instruction* for Mathematics** **Grade 6 9781495723070** **Grade 7 9781495723162** **Grade 8 9781495723261**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Curriculum Associates**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grades 6–8**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Mathematics 6–8, Idaho Core Standards		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Curriculum Associates' solution is research-based and proven to yield measurable improvements in students' performance against the more challenging Common Core State Standards (CCSS). Combining valid and reliable assessment, rigorous core instruction, and meaningful practice, intervention, and enrichment for those who need it, this approach includes ***Ready Common Core* and *i-Ready Diagnostic & Instruction***:
	• Diagnose: Identify student needs at the sub-skill level, based on the expectations of the Common Core and Idaho state standards with the computer-adaptive *i-Ready Diagnostic* assessment (three times each academic year—beginning, mid, and end).
	• Whole-class instruction: Use *Ready Common Core print materials* as the core day-to-day mathematics curriculum.
	• Differentiate: Use *i-Ready Diagnostic* real-time reports to identify specific *i-Ready* and *Ready Common Core* resources and lessons for individual and small group intervention, plus instructional rotations.
	• Independent instruction, practice, and homework: Use the *Practice and Problem Solving Book and i-Ready Instruction.*
	• Progress monitoring: Track student progress via *Ready Assessments* and *i-Ready's* web-based diagnostic, interim growth monitoring, embedded progress monitoring, and standards mastery assessments.
	
	Key features of these programs are summarized in the list below.
	• *Ready Common Core* is a rigorous, on-grade level instruction and practice program for mathematics that fully prepares students for the Idaho Core State Standards for mathematics. Highly supportive for students, *Ready* also provides teachers of all backgrounds and experience levels with step-by-step, point-of-use professional development to teach the standards most effectively.
	• Specifically designed and developed for the Common Core, *Ready Common Core* and *i-Ready Diagnostic & Instruction* reflect the Common Core Publishers' Criteria, learning progression documents, and the guidance from the Smarter Balanced Assessment Consortium. The solution provides print and online resources (including interactive whiteboard lessons) to differentiate instruction for students across the performance spectrum.
	• The *Ready Mathematics* Student Books contain two types of lessons—concept and skills lessons. The "Focus on Math Concepts" lessons encourage students to pause from the procedural and just concentrate on the conceptual, while the "Develop Skills and Strategies" lessons build students' fluency by leading students to develop, practice, and apply new skills to solve problems.
	• The *Ready Mathematics* Student Books expose students to multiple representations—to measure whether or not students have gained a deep understanding of a mathematical concept, assessment items must include multiple representations. EngageNY.org specifies three "buckets" of multiple representations:
	  ○ **Procedural Skills:** These apply to standards that reference verbs such as *compute, solve, identify, interpret, use, make,* and *find solutions*. Procedural representations are most often multiple-choice questions that require students to apply and identify mathematical processes in various ways.
	  ○ **Conceptual Understanding:** These representations use verbs such as *understand, explain,*

represent, and *describe* when applied to standards, which results in students having to combine mathematical practices.

- **Application:** Unique to the Common Core, application standards are represented by tasks. In general, in order to complete these tasks, students must use both procedural knowledge and conceptual understanding.

The *Ready* program addresses all three of the multiple representations buckets. Both the Develop Skills and Strategies lessons and the Focus on Math Concepts lessons use language such as *solve, identify*, and *use*, while the Focus on Math Concepts lessons encourage students to *understand* and *explain*. The Performance Tasks at the end of every unit make sure students are able to combine procedural knowledge and conceptual understanding.

- The teacher-led Mathematical Discourse feature in the *Ready* lessons guides collaborative reasoning and the exchange of ideas and mathematical arguments. Lessons also provide error analysis exercises that ask students to examine a fictional student's wrong answer. There are also multiple opportunities throughout each lesson to explain and communicate reasoning.
- With the rigor to teach and assess the CCSS, *Ready Common Core* Depth of Knowledge (DOK) item distributions are based on item specifications from Smarter Balanced and were evaluated using the Smarter Balanced Cognitive Rigor Matrix. There is a natural progression within the *Ready* lessons that aligns DOK levels with the standards (analyzing, integrating, synthesizing).
- The *Practice and Problem Solving Book*—which extends learning with activities and games that provide repeated opportunities for students to develop understanding and fluency of key skills and concepts—can be used for independent practice in class, after school, or at home. A family letter for every lesson helps parents or caregivers understand the content and participate in the lesson activity with their child. Rigorous performance tasks ask students to integrate concepts and skills from multiple standards within the unit to solve multi-step problems, and computation practice worksheets at the end of the book require students to demonstrate procedural fluency.
- For grades 6–8, *Ready* provides rigorous instruction on the Common Core Math Standards and develops mathematical reasoning through lessons that use real-world problem solving as instruction—embedding the Standards for Mathematical Practice to help students develop habits of mind.
- *i-Ready Diagnostic* computer-adaptive assessments collect a broad spectrum of data on students' abilities, identify areas where learners are struggling, measure growth across each student's K-12 career, and prescribe an instructional path that includes explicit next steps for teacher-led and online instruction.
- *Ready Assessments* (print) and *i-Ready Diagnostic* (online) prepare students for more complex statewide assessments with technology-enhanced items, full-length practice tests, and interim assessments that include performance tasks.
- The online, fixed-form *i-Ready Standards Mastery* assessments for grades 2–8 provide targeted insight into each student's mastery of individual, grade-level standards through a blend of constructed-response, open-ended response, and selected-response items plus a broad range of media with embedded audio, video, and imagery.
- The comprehensive *Ready Teacher Resource Book* supports teachers of all experience levels with point-of-impact professional learning—every page delivers critical background knowledge (including the Common Core learning progression and prerequisite skills). Throughout, the guide embeds best-practice teaching tips—such as integrating questions to lead meaningful classroom discussions, interactive listening and media activities to encourage real-world connections, and opportunities for students to explain their thinking and demonstrate their understanding of concepts—and explicit guidance on diagnosing student needs and differentiating instruction for a diverse range of learners (including English language learners) and learning styles.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)

Ready is intended for daily, whole-group instruction, supplemented by online *Teacher Toolbox* and *i-Ready* resources designed to differentiate instruction and intervention for small-groups, centers, and individual students.

Ready provides a logical sequence of CCSS coverage around which teachers can build robust and rigorous curriculum, true to the intent and details of the Common Core. *Ready* teaches the strategies, models, and concepts of the CCSS and embeds the Standards for Mathematical Practice throughout the lessons. Throughout *Ready*, there is a balance of conceptual understanding (the why) and procedural fluency (the how). There is a lesson to cover each of the Common Core mathematics standards. The program is organized by units and lessons and designed to teach on-grade level standards through teacher-led whole-class and small-group instruction, and independent practice and assessment.

Use the *Ready Student Instruction* book and the interactive whiteboard lessons from the online *Teacher Toolbox* to teach each standard to the whole class, one lesson per week.

Use activities and supporting materials from the *Teacher Resource Book, Teacher Toolbox,* and *i-Ready* to further differentiate instruction. The *Teacher Toolbox* includes all *Ready* mathematics lessons from K-8, plus guided interactive tutorials, downloadable *Tools for Instruction* lesson plans, and Math Center Activities.

i-Ready Diagnostic—which diagnoses and monitors each student's learning needs and progress—is administered three times per year (with 12-18 weeks of instruction between testing) to . Students engage with the interactive

	online lessons in *i-Ready Instruction*—which are prescribed as a result of the adaptive diagnostic—for at least 45 minutes per week.

Best Practices in Program Design:

Ready's Instructional lessons on every Common Core standard follow a research-based and proven gradual release model that includes five parts:

Introduction	Modeled Instruction	Guided Instruction	Guided Practice	CCSS Practice
Taps into students' prior knowledge, probes for their understanding of background skills and concepts, and introduces the material to be taught	Walks students step-by-step through the process of anwering the questions	Helps students understand what the questions or problems are asking, as well as how to answer or solve them	Gives students hints to answer the questions or solve the problems and further develop their understanding	Challenges students to work independently to demonstrate mastery of the standards

The *Teacher Resource Book* provides step-by-step teacher support and teaching suggestions that build student understanding. At the beginning of each unit, a chart clearly shows the lessons on which the students will be building, as well as those they are preparing for. This format helps teachers make connections across the CCSS. For each lesson, the *Teacher Resource Book* lists the lesson's objectives, and the Learning Progression shows teachers the standard that is taught in the lesson. Prerequisite skills required for success in the lesson are also listed, as are new vocabulary and terms that should be reviewed. The *Teacher Toolbox* identifies on-level and prerequisite lessons, activities, and tutorials that are connected to the lesson and available online.

i-Ready Instruction's online lessons are prescribed as a result of the adaptive diagnostic assessment. Lessons follow a natural developmental progression: skills that students learn in earlier lessons build the foundation for later lessons. Each module includes explicit instruction, guided practice, and a short quiz for progress monitoring purposes. *i-Ready's* instructional modules are interactive and engage students in their learning, provide immediate corrective feedback and practice in what is being taught, and conclude with a quiz to ensure the student has mastered the lesson.

The online lessons promote active student participation in learning, as users interact with the program every 30 seconds or less by clicking on answers, using online tools and virtual manipulatives, typing in text or numbers, and manipulating models. *i-Ready* also embeds numerous instructional supports—such as defining academic language in context at point-of-use—particularly helpful to English language learners and students served by Special Education.

Main Components & Ancillary Items Needed for Implementation:

Ready Student Instruction Book
Ready Practice and Problem Solving Book
Ready SBAC Assessment Book (grades 2-8) (optional)
Ready Teacher Resource Book
Teacher Toolbox
i-Ready Diagnostic (optional but recommended)
i-Ready Diagnostic & Instruction (optional)

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

Curriculum Associates will work each client to craft a customized, cost-effective professional development plan. Each implementing teacher should participate in 6-7 hours of professional development. We offer a blended-learning package that includes the following onsite sessions for $4,500/site:

- Beginning of year centralized professional development sessions adapted to prepare leaders and teachers to successfully launch a blended approach that includes *Ready* and *i-Ready*:
  - For every principal/administrator leading site implementation (3 hours/session)
  - For every teacher (4 hours/session)
- For every site:
  - Understanding Data (3 hours/session)
  - 2 Coaching Sessions (3-4 hours/session)

À la carte, our rate for onsite professional development is $1,400/session (three to four hours in duration). Each direct-to-staff session accommodates up to 30 participants.

To supplement customized, fee-based onsite trainings, educators will have 24/7 access to complimentary training webinars on Curriculum Associates' website, as well as the benefit of the previously described embedded professional development in the *Teacher Resource Book, Teacher Toolbox,* and *i-Ready*.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Full disclosure for digital materials: (please complete for digital curricular materials only)	

Platform:	The *Teacher Toolbox* and *i-Ready Diagnostic & Instruction* are web-delivered software for teachers and administrators. The requirements for running these programs are:
	• Microsoft Windows:
	  ○ CPU Intel® Pentium 4 2.33 GHz or faster x86 compatible processor, or Intel Atom 1.6GHZ or faster processor for netbooks.
	  ○ Memory 1GB minimum, 2 GB or higher recommended
	  ○ Video RAM 128 MB minimum, 256 MB or higher recommended
	  ○ Sound card & headphones or speakers
	• Apple Mac Computers:
	  ○ CPU Intel Core™ Duo 1.83 GHz or faster processor
	  ○ Memory 1GB minimum, 2 GB or higher recommended
	  ○ Video RAM 128 MB minimum, 256 MB or higher recommended
	  ○ Sound card & headphones or speakers
	• Chromebooks
	  ○ CPU Intel Celeron™ 1.4 GHz or faster processor, ARM Processor (except Exynos processor)
	  ○ Memory 1 GB minimum; 2 GB or higher recommended
	  ○ Video RAM 128 MB minimum, 256 MB or higher recommended
	  ○ Sound card & headphones or speakers

Cross Platform Functionality:	The software is compatible with Windows, Apple, and Chromebook platforms.

Plugins Needed: (Flash, Shockwave)	• Adobe Flash Player 18.0.0.209 and higher supported. The latest version of the Flash Player can be downloaded here: http://get.adobe.com/flashplayer.
	• (Windows only) Adobe Reader. The latest version of the Adobe Reader can be downloaded here: http://get.adobe.com/reader.
	• The *Teacher Toolbox* and *i-Ready Diagnostic & Instruction* require the following settings for the web browser:
	  ○ JavaScript must be enabled
	  ○ Cookies must be enabled
	  ○ Pop-ups must be allowed for login.i-ready.com for teacher reports

Screen Resolution:	1024 x 768 or greater
Connectivity Speed Requirement:	• The *Teacher Toolbox* and *i-Ready Diagnostic & Instruction* require a full-time, high-bandwidth Internet connection. • We suggest that each student using *i-Ready Diagnostic & Instruction* have access to 256 bit/s throughput at a given time. • Firewalls, content filters, proxy servers, and virus scanning software can all impact performance of the software, even in cases where network bandwidth appears sufficient. When possible, bypass any content filters or proxy servers, and/or make sure that proxy server cache and other settings are configured properly to avoid network bottlenecks. Ensure automatic virus scanning (both at user workstations and at network level) is occurring off hours.
Mobile Device Capability:	The *Teacher Toolbox* and *i-Ready Diagnostic & Instruction* are not currently compatible with mobile devices. While the full *i-Ready* program does not currently support mobile devices, a substantial amount of fact fluency and computational fluency practice is currently available as iOS apps for the iPad. For 2016, we are working on building new content to be compatible with iPads, including new foundational math lessons (focusing on grades K-2) and *i-Ready Standards Mastery* assessments.
Licensing Model(s): (Subscription, 1 yr., etc.)	*Ready Math* is a print-based program for students and its components are sold on a per-piece basis. We do have 1-year and 5-year pricing for the print student edition alone or in combination with *i-Ready Diagnostic* and *i-Ready Diagnostic & Instruction*. The online *Teacher Toolbox* and *i-Ready Diagnostic & Instruction* are provided under a user license subscription as Software-as-a-Service applications. For *i-Ready*, the per-student or site-based license fee **includes** account set-up and management, access to all program features and functionality, unlimited access to our U.S.-based Technical Support and Customer Service teams, plus application hosting, data security, and all program maintenance, upgrades, and enhancements during the active license term.
Updating Process: (How often, auto updates, etc.)	Program updates and enhancements for the *Teacher Toolbox* and *i-Ready Diagnostic & Instruction* are included in the license fee. We roll these updates, upgrades, and enhancements into new releases, which we deploy periodically throughout the year (typically three to four releases annually for *i-Ready*; fewer for the *Teacher Toolbox*). Updates are pushed from our secure servers and automatically available to users upon their next login. *Ready Math* is a print based program for students. If Curriculum Associates releases a print update, we will work with the Idaho State Department for substitution if warranted.

Tools & Features:	***Ready Teacher Toolbox*:** The easy-to-use online *Teacher Toolbox* is a virtual filing cabinet of K–8 *Ready Mathematics* resources that provides teachers with immediate access to detailed lessons and digital tutorials for students performing on, below or above grade level. Contents include: • *Ready Instruction* (Grades K–8): PDF versions of ALL instructional lessons from the *Ready* student and teacher books (can be projected). • *Ready Assessments* (Grades 2–8):Full-length assessments designed to measure level of student mastery of the high-rigor standards. • *Tools for Instruction* (Grades K–8): Provides teachers with alternative teaching strategies for challenging concepts or skills. Includes research-based classroom and small-group activities that provide teachers with step-by-step guidance for teaching a skill. • *Interactive Lessons for Supporting Skills* (Grades K–8): Engaging whole-class or small-group instruction to reinforce learning. These lessons can be projected from a computer or used on any interactive whiteboard. • *Ready Practice and Problem Solving* (Grades K–8): Rich practice and games provide additional opportunities for students to develop understanding and fluency with key skills and concepts. Designed for flexibility, *Ready Practice and Problem Solving* can be used for homework, independent classroom practice, and in after-school settings. A family letter for every lesson helps adult family members understand the content and participate in the lesson activity with their child. The letter is also available in Spanish.. ***i-Ready Diagnostic & Instruction:*** *i-Ready Diagnostic* is a web-based adaptive diagnostic assessment that lets educators diagnose and monitor each student's learning needs and progress. *i-Ready Instruction* lessons are automatically assigned to each student based on the results of the diagnostic, providing personalized instruction and intervention. Components include: • Computer-adaptive, proven valid and reliable diagnostic assessments that offer a continuum of scale scores from kindergarten through high school. *i-Ready's* sophisticated adaptive algorithm automatically selects from thousands of multiple-choice and technology-enhanced items to get to the core of each student's strengths and challenges, regardless of the grade level at which he or she is performing. • *i-Ready Standards Mastery* assessments to target student mastery of specific standards. • Online interactive lessons that engage students and focus on their areas of need. • *Door 24 Plus* app for iPads offers fact and computational fluency games that provide highly engaging, meaningful math practice.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) ExploreLearning, LLC	**Title of Material: (this must match Submission/Bid Form & Sample)** *Reflex*	**Copyright: (this must match Submission/Bid Form & Sample)** 2015 **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-4916-0801-2
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) Mathematics	**Author(s): (this must match Submission/Bid Form & Sample)** ExploreLearning	**Grade Level: (this must match Submission/Bid Form & Sample)** 2-5
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Mathematics – Grade 2 through 5		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	ExploreLearning *Reflex* is an adaptive and individualized online system which helps students in grades 2–8 develop instant recall of their basic math facts (Addition-Subtraction 0 – 10, Multiplication-Division 0 – 10, or Multiplication-Division 0 – 12). Key *Reflex* features include: ▪ Adaptive and individualized instruction: *Reflex* continuously monitors and adapts to each student's performance to create the optimal experience for every student. ▪ Intuitive and powerful reporting: Educators have everything they need to easily monitor and support student progress in *Reflex*. ▪ Game-based design: *Reflex* uses engaging games and rewards to create a highly motivational environment that encourages student effort and progress. ▪ Flexible and accessible implementation: *Reflex* can be used with students of all ability levels, anywhere there is an Internet connection.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	*Reflex* is designed to supplement core math curriculum and instruction. *Reflex* is largely self-guided, self-monitoring, and self-explanatory for students. They can begin using *Reflex* as soon as they are assigned to a teacher's class and receive login information from their teachers. Because *Reflex* is adaptive and individualized to a student's response, each student works independently in the program. Because *Reflex* is all online, students can build fluency anywhere there is an internet connection—at school or at home. *Reflex* can be effectively implemented in (a) traditional classrooms for all students to become proficient with math facts, (b) in math intervention programs for struggling students, (c) in afterschool programs with students of varying ages and proficiency levels, or (d) at home for additional practice and instruction.

Best Practices in Program Design:	*Reflex* combines research-proven methods and innovative technology to provide the most effective math fact fluency solution available. A few of the factors behind *Reflex*'s success: ▪ The system is based on a fact family approach that builds on and reinforces important mathematical concepts such as the commutative property and the relationship between the operations. When students understand the conceptual connections between facts, their progress to automaticity is accelerated. ▪ *Reflex* is highly adaptive and individualized so that students of all ability levels have early and ongoing success. In addition, the system consistently rewards students for both their effort and progress toward automaticity. They come to understand that, if they are willing to put in the work, they really can succeed in math. ▪ *Reflex* fluency development games are different. Unlike typical math fact games, they require students to engage in increasingly complex and fast-paced decision making. Once students have developed the ability to fluently answer math facts while simultaneously achieving game objectives, you can be confident that they will be able to do the same while learning new math concepts and procedures. ▪ *Reflex* is continually improving based on detailed analysis of student response patterns. Hundreds of thousands of students have become fluent with tens of millions of new facts, and ExploreLearning's researchers continuously comb that data to uncover opportunities to further optimize the system. For more details on the research behind *Reflex* and how the system works, please read our White Paper at www.*Reflex*math.com/research.

Main Components & Ancillary Items Needed for Implementation:	*Reflex* is easy to implement. After setting students up, they can access the system via Internet-accessible Mac, Windows, Chromebook, or iPad (iOS 6+) devices. Recommended usage is at least three days per week for approximately 15 minutes per session (student session times will vary, typically within 10–20 minutes). *Reflex* is largely self-guided, self-monitoring and self-explanatory for students, so it does not require a math teacher to be present to administer the program.

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Professional Development /Training Required?	☐ **YES** ☒
If applicable, explain in-service training, required, number of hours and fees associated with service: N/a – Professional Development/Training is available, but not required.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Online
Cross Platform Functionality:	Compatible on Mac (OSX), Windows, Chromebook, and iPad (iOS 6+) devices running
Plugins Needed: (Flash, Shockwave)	Flash Player: Version 11.4+ iPad only: requires app (available free from iTunes store)
Screen Resolution:	1024 x 768 or higher iPad only: compatible on regular and mini models with app
Connectivity Speed Requirement:	Broadband/DSL or higher
Mobile Device Capability:	iPad (iOS 6+), requires app (available free from iTunes store)
Licensing Model(s): (Subscription, 1 yr., etc.)	Subscription (yearly)
Updating Process: (How often, auto updates, etc.)	Updates are done automatically online throughout the year; and do not require an administrator to upload. The number of releases can vary based on features and functionality; however, at least 2–3 per year is typical.
Tools & Features:	The following outlines some of the most important tools and features of *Reflex*: ▪ Three operation assignments (Addition-Subtraction 0 – 10, Multiplication-Division 0 – 10, or Multiplication-Division 0 – 12) ▪ Math fact family approach ▪ Continual assessment and adaptive instruction ▪ Nine engaging, fast-paced student practice games ▪ Student tokens and store ▪ Personalized student avatar and tree house ▪ English, French, or Spanish student experience ▪ Daily usage requirement monitor (“green light”) ▪ Student and group milestone certificates ▪ Class and student management system ▪ Printable student login cards ▪ Teacher reporting system with dashboard, summary, and detailed views on fluency and usage ▪ Parent accounts to track their own child’s progress ▪ Free technical support (online, email and phone)

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Units**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-650-9
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade K**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics - Kindergarten**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Units®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Grade K Eureka Math curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions.

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.

Professional Development /Training Required? ☐ **YES** ☒ X

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

In addition to the video series, Great Minds offers virtual coaching, regional institutes and customized professional development offerings for schools and districts who are interested in a more in depth professional development experience.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Units**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-692-9
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 1**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 1**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Units®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Grade 1 Eureka Math curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions.

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.

Professional Development /Training Required? ☐ **YES** ☒ X

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

In addition to the video series, Great Minds offers virtual coaching, regional institutes and customized professional development offerings for schools and districts who are interested in a more in depth professional development experience.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Units**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-652-3
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 2**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – 2nd**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Units®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Grade 2 Eureka Math curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions.

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.

Professional Development /Training Required? ☐ **YES** ☒ X

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

In addition to the video series, Great Minds offers virtual coaching, regional institutes and customized professional development offerings for schools and districts who are interested in a more in depth professional development experience.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Units**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-701-8
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 3**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 3**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Units®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Grade 3 Eureka Math curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.

Professional Development /Training Required? ☐ **YES** ☒ X

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

In addition to the video series, Great Minds offers virtual coaching, regional institutes and customized professional development offerings for schools and districts who are interested in a more in depth professional development experience.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Units**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-701-8
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 4**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 4**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Units®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Grade 4 Eureka Math curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions.

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.

Professional Development /Training Required? ☐ **YES** ☒ X

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

In addition to the video series, Great Minds offers virtual coaching, regional institutes and customized professional development offerings for schools and districts who are interested in a more in depth professional development experience.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Units**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-704-9
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 5**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 5**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Units®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Grade 5 Eureka Math curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions.

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.

Professional Development /Training Required? ☐ **YES** ☒

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

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IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Ratio's**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-707-0
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 6**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 6**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Ratio's®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Grade 6 Eureka Math curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions.

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.

Professional Development /Training Required? ☐ **YES** ☒ X

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

In addition to the video series, Great Minds offers virtual coaching, regional institutes and customized professional development offerings for schools and districts who are interested in a more in depth professional development experience.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Ratios**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-710-0
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 7**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 7**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Ratios®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Grade 7 Eureka Math curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions.

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.
Professional Development /Training Required?	☐ **YES** ☒ X

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

In addition to the video series, Great Minds offers virtual coaching, regional institutes and customized professional development offerings for schools and districts who are interested in a more in depth professional development experience.

Full disclosure for digital materials: (please complete for digital curricular materials only)

Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Ratios**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-713-1
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 8**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Grade 8**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Ratios®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Grade 8 Eureka Math curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions.

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.

Professional Development /Training Required? ☐ **YES** ☒

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

In addition to the video series, Great Minds offers virtual coaching, regional institutes and customized professional development offerings for schools and districts who are interested in a more in depth professional development experience.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Functions**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-324-9
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Algebra I**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Algebra I**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Functions®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Eureka Math Algebra I curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions.

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.
Professional Development /Training Required?	☐ **YES** ☒

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

In addition to the video series, Great Minds offers virtual coaching, regional institutes and customized professional development offerings for schools and districts who are interested in a more in depth professional development experience.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Functions**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-730-8
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Geometry**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Geometry**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Functions®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Eureka Math Geometry curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions.

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.

Professional Development /Training Required? ☐ **YES** ☒

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

In addition to the video series, Great Minds offers virtual coaching, regional institutes and customized professional development offerings for schools and districts who are interested in a more in depth professional development experience.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Functions**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-734-6
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Algebra II**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Algebra II**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Functions®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Eureka Math Algebra II curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions.

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.

Professional Development /Training Required? ☐ **YES** ☒ X

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

In addition to the video series, Great Minds offers virtual coaching, regional institutes and customized professional development offerings for schools and districts who are interested in a more in depth professional development experience.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Great Minds**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Eureka Math – A Story of Functions**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015 – 2016** **ISBN number: (must match Submission-Bid Form & Sample)** 978-1-63255-738-4
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Great Minds**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Pre Calculus**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – Pre Calculus**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The Eureka Math elementary mathematics curriculum, A Story of Functions®, offers print and digital components for teachers and students, as well as live and online professional development for teachers and support resources for parents. Spanish translations of student-facing materials will be available to support the 2016-2017 school year.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The Full Classroom Solution Kit is designed to provide teachers with everything necessary for successful classroom implementation of Eureka Math. Each kit contains 30 printed Student Editions, one printed Teacher Edition, supplementary classroom materials and resources (30 unique collated copies of Assessment Packets, Exit Ticket Packets, and Sprint and Fluency Packets). In addition to print materials, this kit includes a one-year teacher license for our complete Eureka Digital Suite (includes the Navigator and Teach Eureka Video Series). In addition to the classroom materials and resources included in the Full Classroom Solution Kit, all Denver Public teachers, administrators, students, and parents will have access to the following items at no additional charge: * Complete Eureka Math Pre Calculus curriculum (available in PDF format) * Pacing and Preparation Guides (available in PDF format) * Parent Tip Sheets (available in PDF format) * Eureka Math Online Community * Access to Zearn for students, teachers, and parents and administrators

Best Practices in Program Design:	The curricular design of Eureka Math is based on the principle that mathematics is most effectively taught as a logical, engaging story. For example, at the elementary level, the story's main character is the basic building block of arithmetic, the unit. Themes like measurement, place value, and fractions run throughout the storyline, and each is given the amount of time proportionate to its role in the overall story. The Story of Units climaxes when students learn to add, subtract, multiply, and divide fractions; and solve multistep word problems with multiplicative and additive comparisons, leading into our middle school curriculum The Story of Ratios and our school curriculum The Story of Functions.

Main Components & Ancillary Items Needed for Implementation:	The Full Classroom Solution Kit bundles the Ancillary Items of Eureka Math with the Main Components of Eureka Math for the optimal classroom experience.

Professional Development /Training Required? ☐ **YES** ☒ X

If applicable, explain in-service training, required, number of hours and fees associated with service:

The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

In addition to the video series, Great Minds offers virtual coaching, regional institutes and customized professional development offerings for schools and districts who are interested in a more in depth professional development experience.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Operating Systems – Windows 7, Windows 8, Windows 10** **Browsers – Internet Explorer, Google Chrome, Firefox**
Cross Platform Functionality:	**Eureka Math is optimized for a variety of internet browsers in order to provide a successful user experience on a variety of platforms, whether it be PC, Mac, Tablets or Smart Phones.**
Plugins Needed: (Flash, Shockwave)	**None**
Screen Resolution:	**N/A**
Connectivity Speed Requirement:	**N/A**
Mobile Device Capability:	**Yes**
Licensing Model(s): (Subscription, 1 yr., etc.)	**1 yr. subscription**
Updating Process: (How often, auto updates, etc.)	**Auto updates**
Tools & Features:	The Eureka Digital Suite provides you with two exceptional online resources as you prepare to teach the curriculum and support differentiated instruction. Available anytime and anywhere, the suite includes: The Eureka Navigator provides users with the complete PreK-12 curriculum within a professional development platform, which makes it easy for teachers to prepare for their instruction by studying embedded demonstration videos and daily lessons, linking from lessons to the standards, reviewing scaffolding hints for Response to Intervention (RTI) efforts, and following teaching sequences within a module and across modules and grade levels. A streamlined, interactive interface makes it simple to access and navigate the entire Eureka Math curriculum online and provides easily downloadable lesson files. The Teach Eureka Video Series provides users with a deeper understanding of mathematics through a study of the Eureka Math curriculum. In these videos, the curriculum's authors explain the mathematical concepts and instructional strategies necessary to make Eureka your own. Each grade of the Video Series contains 18 one-hour sessions organized sequentially by module. The on-demand format, streamed online, allows for viewing whenever and wherever, individually or in teams.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** Math Expressions Student Activity Book 6-Year Print Subscription (Softcover) Grade K	**Copyright:** 2013 **ISBN number:** 9780544271463
Subject Area: Mathematics	**Author(s):** Dr. Karen Fuson	**Grade Level:** Grade K
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Idaho Core Standards for Mathematics – Grade K		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	***Math Expressions*** is a comprehensive mathematics curriculum for Kindergarten through Grade 6 that offers new ways to teach and learn mathematics. It follows the most recent recommendations for effective math instruction and aligns with many state standards and supports the Common Core State Standards. Math Expressions is: • Comprehensive, research-based program that is fully aligned to the **Common Core State Standards** and **Learning Progressions** • Written by well-respected researcher and author, **Dr. Karen Fuson,** who contributed to the research base for the CCSS, participated on the CCSS Mathematical Feedback • Committees and is a writer of the Learning Progressions for the CCSS in Mathematics Document • Combines the most powerful elements of standards-based instruction with the most effective methods of traditional approaches • Emphasizes **deeper understanding** through real-world problems, modeling, Math Talk, and exploration in order to build ideas that make sense to students • Students study a small number of mathematical concepts in order to have time to develop the knowledge to build in-depth understanding of big ideas • Teachers create an **exploratory environment** and encourage constructive discussion. Student invent, question, model and represent, but also learn and practice important math strategies • Through daily **Math Talk**, students explain methods and in turn, become more fluent in them. • Math Talk is supported with math boards and manipulatives to develop conceptual learning and fluency • Mathematics content and models connect and build across grade levels to provide a progression of teaching and learning that aligns precisely with the CCSS • As students confidence and experience build, use of modeling, repeated reasoning, and abstract thinking grow, leading to mastery of hallmark CCSS **Mathematical Practice Standards** • **Extensive teaching materials** include research and math background with the Common Core Learning Progressions and Mathematical Practices clearly identified

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	***Math Expressions*** uses a Learning Path Teaching- Learning Model that enables students to develop understanding and fluency. This model is based on National Research Council Reports and on the NCTM Process Standards. Each new math topic begins with Phase 1 in which teachers elicit, and the class discusses, student methods. The focus here is on understanding, and many students are able to develop methods because ***Math Expressions*** has carefully developed prerequisite knowledge. Phase 2 begins soon after this. Methods gathered in the extensive classroom research that developed ***Math Expressions*** are introduced in lessons. These methods are mathematically desirable and deserving of time and discussion in the class. They relate to formal math methods, but are more accessible forms of recording what can be unnecessarily difficult methods. These methods in the middle bridge from less-advanced to advanced methods, supporting understanding but leading to fluency because they are easy to carry out.

Best Practices in Program Design:	*Adding It Up: Helping Children Learn Mathematics*, a report published by the National Research Council in 2001, is a summary of the work of a committee of members from diverse backgrounds who reviewed and synthesized relevant research on mathematics learning from Pre-Kindergarten through Grade 8 (National Research Council (NRC), 2001, p. ix). The committee chose the term "mathematical proficiency" to capture what it means for anyone to learn mathematics successfully. Mathematical proficiency is broken down into the following five components, or strands: • **Conceptual understanding**—Comprehension of mathematical concepts, operations, and relations • **Procedural fluency—**Skill in carrying out procedures flexibly, accurately, efficiently, and appropriately • **Strategic competence**—Ability to formulate, represent, and solve mathematical problems • **Adaptive reasoning**—Capacity for logical thought, reflection, explanation, and justification • **Productive disposition**—Habitual inclination to see mathematics as sensible, useful, and worthwhile, coupled with a belief in diligence and one's own efficacy The most important observation the committee makes and stresses is that the five strands are interwoven and interdependent in the development of proficiency in mathematics (NRC, 2001, p. 116). The information on the research base for Math Expressions is organized around these five strands.

Main Components & Ancillary Items Needed for Implementation:	The following are the main components and ancillary materials that come with the Math Expressions program: **Teacher Materials:** Teacher Edition • Two volumes • Organized for ease of use • Includes research and math background Teacher's Resource Book • Supports teaching and learning • Includes family letters • Provides blackline masters of resources used in the program.

Manipulative Kit Options:
- Individual Student Manipulatives Kit
- Manipulatives and Materials Kit
- Custom Manipulatives Kit
- Teacher Modelling Kit.

Student Materials:

Student Activity Book
- Two volumes
- Helps students link mathematical ideas to everyday experiences
- Lessons focus on concept development, problem solving, and practice
- Includes family letters and paper manipulatives at point of use.

Homework and Remembering Book
- Two volumes
- Provides daily homework practice as well as daily spiral review
- Available as consumable workbooks and blackline masters

Math Boards
- Available for Grades 1-6
- Write-on, wipe-off dry erase boards
- Students solve problems and represent solutions
- Supports the emphasis on Math Talk.

Instructional Support

Assessment Guide: Formative and Summative assessments include:
- Free response
- Multiple Choice
- Performance Based

Math Center Challenges Easel
- Provides activities, projects, and puzzlers
- Helps students reach their highest math potential.

Differentiated Instructional Cards
- Packaged in a handy box
- Provides intervention, on-level, and challenge activities
- Supports classroom needs for differentiation

Return on Intervention
- Tier I Lessons
  - Experience new instruction on grade-level concepts
- Tiers 2 and 3 Lessons
  - For Tier 2, experience new instruction in prerequisites
  - For Tier 3, use scaffolded examples to build foundational knowledge.
- Teacher Edition
  - Includes teaching notes and instructional strategies
  - Online

Literature Library Collection
- Brings mathematics concepts to life
- Includes both fiction and nonfiction titles
- Includes Activity Guide for each library

Anno's Counting Book
- Big book format
- Supports the lessons in Math Expressions

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

HMH Math Expressions ©2013 provides teachers with instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Houghton Mifflin Harcourt recognizes that with any new Mathematics curriculum initiative, a well-designed and deployed implementation, training and support plan is critical to success. Initial implementation involves the Initial Program Overview which includes an introduction to program components, essential technology, and instructional program design. The initial program implementation training can be delivered in a variety of ways- consultant trainer, On Demand eLearning, and/or webex trainings- to provide teachers with in-depth understanding of the Mathematics program adopted and its instructional components. Initial Program Implementation is provided complimentary, consistent with the number of student books purchased.

Beyond initial implementation, Houghton Mifflin Harcourt offers comprehensive fee- based professional development from workshops to Praxis In Action in-class consultative services. Advanced Implementation Workshops are based on the latest research in educational issues, providing educators with a depth of professional learning coupled with advanced implementation practices. Courses include Common Core through the lens of **Math Expressions © 2013**

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The *Math Expressions* program resides in Houghton Mifflin Harcourt's digital platform, **ThinkCentral at http://www-k6.thinkcentral.com**
Cross Platform Functionality:	HMH's digital platform ThinkCentral is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions is available for importation into 3rd party Learning Management Systems such as Moodle, Blackboard, or ANGEL.
Plugins Needed: (Flash, Shockwave)	Plug in requirements for Windows users include Adobe Flash Player 10, Adobe Acrobat Reader 9 or higher, Quicktime 7.6 or higher.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Screen Resolution:	Program development is now done for 1024x768 for the ThinkCentral, though new content within the platform is taking advantage of HTML5 to better display on mobile devices with smaller screens.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32 and 64 bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	*Math Expressions* can be accessed on the following devices: Chromebooks with the latest Chrome Browser, Windows 7, Windows 8, Apple iPad v2-v4, iPad Air-Air 2 and Mini, Mini Retina Display. iOS7, and 8. Android 4,4, with 7+ inch screen
Licensing Model(s): (Subscription, 1 yr., etc.)	For those wanting print and digital components, The Premium Classroom Package option features content in print, HTML5, and EPUB3, with an additional print student consumable subscription for 6 years.
Updating Process: (How often, auto updates, etc.)	Technical updates to the ThinkCentral platform are done automatically once every quarter or when needed.
Tools & Features:	*Math Expressions* offers many digital tools to support the rigor and balance criterion and promote depth of understanding and mastery. These include the following: • **eTeacher Edition:** Easy to access planning charts, instructional routines, student pages, and on-demand professional development are all available online. Includes printable resources pages. • **Professional Development Video Podcasts:** download video podcasts with strategies for teaching concepts and skills • **eStudent Activity Book** is the interactive replica of the SAB that provides links to lesson resources, full audio, and a multimedia glossary. • **Interactive Whiteboards** provide rich and engaging learning experiences with IWB activities for every Math Expression lesson. • **Online Assessment**: Access customized, standards-based assessments and test from Math Expressions. Also features electronic tests with instant results, progress and prescriptive reports for teachers, and reports for school and home. • **Soar to Success Math:** Linked to lessons in the Student Activity Book, the diagnostic assessment in Soar to Success identifies student gaps and provides targeted intervention lessons. Supports Tiers 1, 2, and 3 of RtI model. Animated and voiced. • **ExamView Common Core Test Generator:** create your own tests on the CCSS. • **iTools:** Model, explore, and solve problems with interactive Math Expressions digital manipulatives. • **Mega Math:** Exciting leveled math adventures provide practice and application of skills and concepts • **Bilingual eGlossary:** the online glossary includes audio, graphics, and animation in both English and Spanish. • **Destination Math:** This highly targeted and personalized interactive learning environment supports cognitive learning skills where they are needed most. Houghton Mifflin Harcourt™ is constantly working to enhance the ThinkCentral experience and we take inspiration from many sources, especially our users. Accordingly, we are delighted to announce that your ThinkCentral account has been updated to include the new Teacher Dashboard and mySmartPlanner! **Teacher Dashboard:** The existing Teacher homepage has been redesigned as the new Teacher Dashboard, making it even easier to manage classes and assignments. All ThinkCentral features and functions can still be accessed easily, but you now have the tools to quickly view today's plans as well as performance and progress indicators. It's never been easier to stay informed and organized! • **Resources:** Launch eBooks, workbooks, and other resources directly from the Teacher Dashboard • **Assignments:** View the status of recent assignments and quickly access all ThinkCentral assignments and prescriptions • **Reports:** View class performance on assessments and easily access full reporting features • **Search:** Search for resources and lessons by standard or keyword, just like your favorite Internet search engine • **Browse:** Find resources in a table of content view or view by standards • **Reports:** Print daily and weekly plans containing details of the standards covered, as well as the resources and lessons scheduled
	***my*SmartPlanner:** The legacy planner has been redesigned to offer a more robust, intuitive, and flexible planning experience. Some of the many benefits include more customization, new search features, and easier access to lesson plans and resources: • **Teaching Blocks:** Easily create teaching and non-teaching blocks , which can be customized right in your planner view • **Planning:** Auto-schedule recommended lesson plans for the entire year. Customize lesson plans and save them for next year! • **Set-Up:** Customize your planner with non-teaching days, holidays, and school breaks

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** Math Expressions Student Activity Book 6-Year Print Subscription (Softcover) Grade 1	**Copyright:** 2013 **ISBN number:** 9780544270510
Subject Area: Mathematics	**Author(s):** Dr. Karen Fuson	**Grade Level:** Grade 1
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Idaho Core Standards for Mathematics – Grade 1		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	***Math Expressions*** is a comprehensive mathematics curriculum for Kindergarten through Grade 6 that offers new ways to teach and learn mathematics. It follows the most recent recommendations for effective math instruction and aligns with many state standards and supports the Common Core State Standards. Math Expressions is: • Comprehensive, research-based program that is fully aligned to the **Common Core State Standards** and **Learning Progressions** • Written by well-respected researcher and author, **Dr. Karen Fuson,** who contributed to the research base for the CCSS, participated on the CCSS Mathematical Feedback • Committees and is a writer of the Learning Progressions for the CCSS in Mathematics Document • Combines the most powerful elements of standards-based instruction with the most effective methods of traditional approaches • Emphasizes **deeper understanding** through real-world problems, modeling, Math Talk, and exploration in order to build ideas that make sense to students • Students study a small number of mathematical concepts in order to have time to develop the knowledge to build in-depth understanding of big ideas • Teachers create an **exploratory environment** and encourage constructive discussion. Student invent, question, model and represent, but also learn and practice important math strategies • Through daily **Math Talk**, students explain methods and in turn, become more fluent in them. • Math Talk is supported with math boards and manipulatives to develop conceptual learning and fluency • Mathematics content and models connect and build across grade levels to provide a progression of teaching and learning that aligns precisely with the CCSS • As students confidence and experience build, use of modeling, repeated reasoning, and abstract thinking grow, leading to mastery of hallmark CCSS **Mathematical Practice Standards** • **Extensive teaching materials** include research and math background with the Common Core Learning Progressions and Mathematical Practices clearly identified

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	***Math Expressions*** uses a Learning Path Teaching- Learning Model that enables students to develop understanding and fluency. This model is based on National Research Council Reports and on the NCTM Process Standards. Each new math topic begins with Phase 1 in which teachers elicit, and the class discusses, student methods. The focus here is on understanding, and many students are able to develop methods because ***Math Expressions*** has carefully developed prerequisite knowledge. Phase 2 begins soon after this. Methods gathered in the extensive classroom research that developed ***Math Expressions*** are introduced in lessons. These methods are mathematically desirable and deserving of time and discussion in the class. They relate to formal math methods, but are more accessible forms of recording what can be unnecessarily difficult methods. These methods in the middle bridge from less-advanced to advanced methods, supporting understanding but leading to fluency because they are easy to carry out.

Best Practices in Program Design:	*Adding It Up: Helping Children Learn Mathematics*, a report published by the National Research Council in 2001, is a summary of the work of a committee of members from diverse backgrounds who reviewed and synthesized relevant research on mathematics learning from Pre-Kindergarten through Grade 8 (National Research Council (NRC), 2001, p. ix). The committee chose the term "mathematical proficiency" to capture what it means for anyone to learn mathematics successfully. Mathematical proficiency is broken down into the following five components, or strands: • **Conceptual understanding**—Comprehension of mathematical concepts, operations, and relations • **Procedural fluency**—Skill in carrying out procedures flexibly, accurately, efficiently, and appropriately • **Strategic competence**—Ability to formulate, represent, and solve mathematical problems • **Adaptive reasoning**—Capacity for logical thought, reflection, explanation, and justification • **Productive disposition**—Habitual inclination to see mathematics as sensible, useful, and worthwhile, coupled with a belief in diligence and one's own efficacy The most important observation the committee makes and stresses is that the five strands are interwoven and interdependent in the development of proficiency in mathematics (NRC, 2001, p. 116). The information on the research base for Math Expressions is organized around these five strands.

Main Components & Ancillary Items Needed for Implementation:	The following are the main components and ancillary materials that come with the Math Expressions program: **Teacher Materials:** Teacher Edition • Two volumes • Organized for ease of use • Includes research and math background Teacher's Resource Book • Supports teaching and learning • Includes family letters

	• Provides blackline masters of resources used in the program.
	Manipulative Kit Options:
	• Individual Student Manipulatives Kit
	• Manipulatives and Materials Kit
	• Custom Manipulatives Kit
	• Teacher Modelling Kit.
	Student Materials:
	Student Activity Book
	• Two volumes
	• Helps students link mathematical ideas to everyday experiences
	• Lessons focus on concept development, problem solving, and practice
	• Includes family letters and paper manipulatives at point of use.
	Homework and Remembering Book
	• Two volumes
	• Provides daily homework practice as well as daily spiral review
	• Available as consumable workbooks and blackline masters
	Math Boards
	• Available for Grades 1-6
	• Write-on, wipe-off dry erase boards
	• Students solve problems and represent solutions
	• Supports the emphasis on Math Talk.
	Instructional Support
	Assessment Guide: Formative and Summative assessments include:
	• Free response
	• Multiple Choice
	• Performance Based
	Math Center Challenges Easel
	• Provides activities, projects, and puzzlers
	• Helps students reach their highest math potential.
	Differentiated Instructional Cards
	• Packaged in a handy box
	• Provides intervention, on-level, and challenge activities
	• Supports classroom needs for differentiation
	Return on Intervention
	• Tier I Lessons
	  ○ Experience new instruction on grade-level concepts
	• Tiers 2 and 3 Lessons
	  ○ For Tier 2, experience new instruction in prerequisites
	  ○ For Tier 3, use scaffolded examples to build foundational knowledge.
	• Teacher Edition
	  ○ Includes teaching notes and instructional strategies
	  ○ Online
	Literature Library Collection
	• Brings mathematics concepts to life
	• Includes both fiction and nonfiction titles
	• Includes Activity Guide for each library

Professional Development /Training Required?	[X] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service:	

Full disclosure for digital materials: **(please complete for digital curricular materials only)**

HMH Math Expressions ©2013 provides teachers with instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Houghton Mifflin Harcourt recognizes that with any new Mathematics curriculum initiative, a well-designed and deployed implementation, training and support plan is critical to success. Initial implementation involves the Initial Program Overview which includes an introduction to program components, essential technology, and instructional program design. The initial program implementation training can be delivered in a variety of ways- consultant trainer, On Demand eLearning, and/or webex trainings- to provide teachers with in-depth understanding of the Mathematics program adopted and its instructional components. Initial Program Implementation is provided complimentary, consistent with the number of student books purchased.

Beyond initial implementation, Houghton Mifflin Harcourt offers comprehensive fee- based professional development from workshops to Praxis In Action in-class consultative services. Advanced Implementation Workshops are based on the latest research in educational issues, providing educators with a depth of professional learning coupled with advanced implementation practices. Courses include Common Core through the lens of **HMH Math Expressions © 2013**

Platform:	The *Math Expressions* program resides in Houghton Mifflin Harcourt's digital platform, **ThinkCentral at http://www-k6.thinkcentral.com**
Cross Platform Functionality:	HMH's digital platform ThinkCentral is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions is available for importation into 3rd party Learning Management Systems such as Moodle, Blackboard, or ANGEL.
Plugins Needed: **(Flash, Shockwave)**	Plug in requirements for Windows users include Adobe Flash Player 10, Adobe Acrobat Reader 9 or higher, Quicktime 7.6 or higher.
Screen Resolution:	Program development is now done for 1024x768 for the ThinkCentral, though new content within the platform is taking advantage of HTML5 to better display on mobile devices with smaller screens.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32 and 64 bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	*Math Expressions* can be accessed on the following devices: Chromebooks with the latest Chrome Browser, Windows 7, Windows 8, Apple iPad v2-v4, iPad Air-Air 2 and Mini, Mini Retina Display. iOS7, and 8. Android 4,4, with 7+ inch screen
Licensing Model(s): (Subscription, 1 yr., etc.)	For those wanting print and digital components, The Premium Classroom Package option features content in print, HTML5, and EPUB3, with an additional print student consumable subscription for 6 years.
Updating Process: (How often, auto updates, etc.)	Technical updates to the ThinkCentral platform are done automatically once every quarter or when needed.
Tools & Features:	*Math Expressions* offers many digital tools to support the rigor and balance criterion and promote depth of understanding and mastery. These include the following: • **eTeacher Edition:** Easy to access planning charts, instructional routines, student pages, and on-demand professional development are all available online. Includes printable resources pages. • **Professional Development Video Podcasts:** download video podcasts with strategies for teaching concepts and skills • **eStudent Activity Book** is the interactive replica of the SAB that provides links to lesson resources, full audio, and a multimedia glossary. • **Interactive Whiteboards** provide rich and engaging learning experiences with IWB activities for every Math Expression lesson. • **Online Assessment**: Access customized, standards-based assessments and test from Math Expressions. Also features electronic tests with instant results, progress and prescriptive reports for teachers, and reports for school and home. • **Soar to Success Math:** Linked to lessons in the Student Activity Book, the diagnostic assessment in Soar to Success identifies student gaps and provides targeted intervention lessons. Supports Tiers 1, 2, and 3 of RtI model. Animated and voiced. • **ExamView Common Core Test Generator:** create your own tests on the CCSS. • **iTools:** Model, explore, and solve problems with interactive Math Expressions digital manipulatives. • **Mega Math:** Exciting leveled math adventures provide practice and application of skills and concepts • **Bilingual eGlossary:** the online glossary includes audio, graphics, and animation in both English and Spanish. • **Destination Math:** This highly targeted and personalized interactive learning environment supports cognitive learning skills where they are needed most. Houghton Mifflin Harcourt™ is constantly working to enhance the ThinkCentral experience and we take inspiration from many sources, especially our users. Accordingly, we are delighted to announce that your ThinkCentral account has been updated to include the new Teacher Dashboard and mySmartPlanner! **Teacher Dashboard:** The existing Teacher homepage has been redesigned as the new Teacher Dashboard, making it even easier to manage classes and assignments. All ThinkCentral features and functions can still be accessed easily, but you now have the tools to quickly view today's plans as well as performance and progress indicators. It's never been easier to stay informed and organized! • **Resources:** Launch eBooks, workbooks, and other resources directly from the Teacher Dashboard • **Assignments:** View the status of recent assignments and quickly access all ThinkCentral assignments and prescriptions • **Reports:** View class performance on assessments and easily access full reporting features • **Search:** Search for resources and lessons by standard or keyword, just like your favorite Internet search engine • **Browse:** Find resources in a table of content view or view by standards • **Reports:** Print daily and weekly plans containing details of the standards covered, as well as the resources and lessons scheduled
	***my*SmartPlanner:** The legacy planner has been redesigned to offer a more robust, intuitive, and flexible planning experience. Some of the many benefits include more customization, new search features, and easier access to lesson plans and resources: • **Teaching Blocks:** Easily create teaching and non-teaching blocks , which can be customized right in your planner view • **Planning:** Auto-schedule recommended lesson plans for the entire year. Customize lesson plans and save them for next year! • **Set-Up:** Customize your planner with non-teaching days, holidays, and school breaks

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** Math Expressions Student Activity Book 6-Year Print Subscription (Softcover) Grade 2	**Copyright:** 2013 **ISBN number:** 9780544270527
Subject Area: Mathematics	**Author(s):** Dr. Karen Fuson	**Grade Level:** Grade 2
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Idaho Core Standards for Mathematics – Grade 2		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	***Math Expressions*** is a comprehensive mathematics curriculum for Kindergarten through Grade 6 that offers new ways to teach and learn mathematics. It follows the most recent recommendations for effective math instruction and aligns with many state standards and supports the Common Core State Standards. Math Expressions is: • Comprehensive, research-based program that is fully aligned to the **Common Core State Standards** and **Learning Progressions** • Written by well-respected researcher and author, **Dr. Karen Fuson,** who contributed to the research base for the CCSS, participated on the CCSS Mathematical Feedback • Committees and is a writer of the Learning Progressions for the CCSS in Mathematics Document • Combines the most powerful elements of standards-based instruction with the most effective methods of traditional approaches • Emphasizes **deeper understanding** through real-world problems, modeling, Math Talk, and exploration in order to build ideas that make sense to students • Students study a small number of mathematical concepts in order to have time to develop the knowledge to build in-depth understanding of big ideas • Teachers create an **exploratory environment** and encourage constructive discussion. Student invent, question, model and represent, but also learn and practice important math strategies • Through daily **Math Talk**, students explain methods and in turn, become more fluent in them. • Math Talk is supported with math boards and manipulatives to develop conceptual learning and fluency • Mathematics content and models connect and build across grade levels to provide a progression of teaching and learning that aligns precisely with the CCSS • As students confidence and experience build, use of modeling, repeated reasoning, and abstract thinking grow, leading to mastery of hallmark CCSS **Mathematical Practice Standards** • **Extensive teaching materials** include research and math background with the Common Core Learning Progressions and Mathematical Practices clearly identified

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	***Math Expressions*** uses a Learning Path Teaching- Learning Model that enables students to develop understanding and fluency. This model is based on National Research Council Reports and on the NCTM Process Standards. Each new math topic begins with Phase 1 in which teachers elicit, and the class discusses, student methods. The focus here is on understanding, and many students are able to develop methods because ***Math Expressions*** has carefully developed prerequisite knowledge. Phase 2 begins soon after this. Methods gathered in the extensive classroom research that developed ***Math Expressions*** are introduced in lessons. These methods are mathematically desirable and deserving of time and discussion in the class. They relate to formal math methods, but are more accessible forms of recording what can be unnecessarily difficult methods. These methods in the middle bridge from less-advanced to advanced methods, supporting understanding but leading to fluency because they are easy to carry out.

Best Practices in Program Design:	*Adding It Up: Helping Children Learn Mathematics*, a report published by the National Research Council in 2001, is a summary of the work of a committee of members from diverse backgrounds who reviewed and synthesized relevant research on mathematics learning from Pre-Kindergarten through Grade 8 (National Research Council (NRC), 2001, p. ix). The committee chose the term "mathematical proficiency" to capture what it means for anyone to learn mathematics successfully. Mathematical proficiency is broken down into the following five components, or strands: • **Conceptual understanding**—Comprehension of mathematical concepts, operations, and relations • **Procedural fluency**—Skill in carrying out procedures flexibly, accurately, efficiently, and appropriately • **Strategic competence**—Ability to formulate, represent, and solve mathematical problems • **Adaptive reasoning**—Capacity for logical thought, reflection, explanation, and justification • **Productive disposition**—Habitual inclination to see mathematics as sensible, useful, and worthwhile, coupled with a belief in diligence and one's own efficacy The most important observation the committee makes and stresses is that the five strands are interwoven and interdependent in the development of proficiency in mathematics (NRC, 2001, p. 116). The information on the research base for Math Expressions is organized around these five strands.

Main Components & Ancillary Items Needed for Implementation:	The following are the main components and ancillary materials that come with the Math Expressions program: **Teacher Materials:** Teacher Edition • Two volumes • Organized for ease of use • Includes research and math background Teacher's Resource Book • Supports teaching and learning

- Includes family letters
- Provides blackline masters of resources used in the program.

Manipulative Kit Options:

- Individual Student Manipulatives Kit
- Manipulatives and Materials Kit
- Custom Manipulatives Kit
- Teacher Modelling Kit.

Student Materials:

Student Activity Book

- Two volumes
- Helps students link mathematical ideas to everyday experiences
- Lessons focus on concept development, problem solving, and practice
- Includes family letters and paper manipulatives at point of use.

Homework and Remembering Book

- Two volumes
- Provides daily homework practice as well as daily spiral review
- Available as consumable workbooks and blackline masters

Math Boards

- Available for Grades 1-6
- Write-on, wipe-off dry erase boards
- Students solve problems and represent solutions
- Supports the emphasis on Math Talk.

Instructional Support

Assessment Guide: Formative and Summative assessments include:

- Free response
- Multiple Choice
- Performance Based

Math Center Challenges Easel

- Provides activities, projects, and puzzlers
- Helps students reach their highest math potential.

Differentiated Instructional Cards

- Packaged in a handy box
- Provides intervention, on-level, and challenge activities
- Supports classroom needs for differentiation

Return on Intervention

- Tier I Lessons
  - Experience new instruction on grade-level concepts
- Tiers 2 and 3 Lessons
  - For Tier 2, experience new instruction in prerequisites
  - For Tier 3, use scaffolded examples to build foundational knowledge.
- Teacher Edition
  - Includes teaching notes and instructional strategies
  - Online

Literature Library Collection

- Brings mathematics concepts to life
- Includes both fiction and nonfiction titles
- Includes Activity Guide for each library

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

HMH Math Expressions ©2013 provides teachers with instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Houghton Mifflin Harcourt recognizes that with any new Mathematics curriculum initiative, a well-designed and deployed implementation, training and support plan is critical to success. Initial implementation involves the Initial Program Overview which includes an introduction to program components, essential technology, and instructional program design. The initial program implementation training can be delivered in a variety of ways- consultant trainer, On Demand eLearning, and/or webex trainings- to provide teachers with in-depth understanding of the Mathematics program adopted and its instructional components. Initial Program Implementation is provided complimentary, consistent with the number of student books purchased.

Beyond initial implementation, Houghton Mifflin Harcourt offers comprehensive fee- based professional development from workshops to Praxis In Action in-class consultative services. Advanced Implementation Workshops are based on the latest research in educational issues, providing educators with a depth of professional learning coupled with advanced implementation practices. Courses include Common Core through the lens of **HMH Math Expressions © 2013**

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The *Math Expressions* program resides in Houghton Mifflin Harcourt's digital platform, **ThinkCentral at http://www-k6.thinkcentral.com**
Cross Platform Functionality:	HMH's digital platform ThinkCentral is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions is available for importation into 3rd party Learning Management Systems such as Moodle, Blackboard, or ANGEL.
Plugins Needed: (Flash, Shockwave)	Plug in requirements for Windows users include Adobe Flash Player 10, Adobe Acrobat Reader 9 or higher, Quicktime 7.6 or higher.
Screen Resolution:	Program development is now done for 1024x768 for the ThinkCentral, though new content within the platform is taking advantage of HTML5 to better display on mobile devices with smaller screens.

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Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32 and 64 bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	*Math Expressions* can be accessed on the following devices: Chromebooks with the latest Chrome Browser, Windows 7, Windows 8, Apple iPad v2-v4, iPad Air-Air 2 and Mini, Mini Retina Display. iOS7, and 8. Android 4,4, with 7+ inch screen
Licensing Model(s): (Subscription, 1 yr., etc.)	For those wanting print and digital components, The Premium Classroom Package option features content in print, HTML5, and EPUB3, with an additional print student consumable subscription for 6 years.
Updating Process: (How often, auto updates, etc.)	Technical updates to the ThinkCentral platform are done automatically once every quarter or when needed.
Tools & Features:	*Math Expressions* offers many digital tools to support the rigor and balance criterion and promote depth of understanding and mastery. These include the following: • **eTeacher Edition:** Easy to access planning charts, instructional routines, student pages, and on-demand professional development are all available online. Includes printable resources pages. • **Professional Development Video Podcasts:** download video podcasts with strategies for teaching concepts and skills • **eStudent Activity Book** is the interactive replica of the SAB that provides links to lesson resources, full audio, and a multimedia glossary. • **Interactive Whiteboards** provide rich and engaging learning experiences with IWB activities for every Math Expression lesson. • **Online Assessment**: Access customized, standards-based assessments and test from Math Expressions. Also features electronic tests with instant results, progress and prescriptive reports for teachers, and reports for school and home. • **Soar to Success Math:** Linked to lessons in the Student Activity Book, the diagnostic assessment in Soar to Success identifies student gaps and provides targeted intervention lessons. Supports Tiers 1, 2, and 3 of RtI model. Animated and voiced. • **ExamView Common Core Test Generator:** create your own tests on the CCSS. • **iTools:** Model, explore, and solve problems with interactive Math Expressions digital manipulatives. • **Mega Math:** Exciting leveled math adventures provide practice and application of skills and concepts • **Bilingual eGlossary:** the online glossary includes audio, graphics, and animation in both English and Spanish. • **Destination Math:** This highly targeted and personalized interactive learning environment supports cognitive learning skills where they are needed most. Houghton Mifflin Harcourt™ is constantly working to enhance the ThinkCentral experience and we take inspiration from many sources, especially our users. Accordingly, we are delighted to announce that your ThinkCentral account has been updated to include the new Teacher Dashboard and mySmartPlanner! **Teacher Dashboard:** The existing Teacher homepage has been redesigned as the new Teacher Dashboard, making it even easier to manage classes and assignments. All ThinkCentral features and functions can still be accessed easily, but you now have the tools to quickly view today's plans as well as performance and progress indicators. It's never been easier to stay informed and organized! • **Resources:** Launch eBooks, workbooks, and other resources directly from the Teacher Dashboard • **Assignments:** View the status of recent assignments and quickly access all ThinkCentral assignments and prescriptions • **Reports:** View class performance on assessments and easily access full reporting features • **Search:** Search for resources and lessons by standard or keyword, just like your favorite Internet search engine • **Browse:** Find resources in a table of content view or view by standards • **Reports:** Print daily and weekly plans containing details of the standards covered, as well as the resources and lessons scheduled
	***my*SmartPlanner:** The legacy planner has been redesigned to offer a more robust, intuitive, and flexible planning experience. Some of the many benefits include more customization, new search features, and easier access to lesson plans and resources: • **Teaching Blocks:** Easily create teaching and non-teaching blocks , which can be customized right in your planner view • **Planning:** Auto-schedule recommended lesson plans for the entire year. Customize lesson plans and save them for next year! • **Set-Up:** Customize your planner with non-teaching days, holidays, and school breaks

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** Math Expressions Student Activity Book with MathBoard 6-Year Print Subscription (Softcover) Grade 3	**Copyright:** 2013 **ISBN number:** 9780544276482
Subject Area: Mathematics	**Author(s):** Dr. Karen Fuson	**Grade Level:** Grade 3
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Idaho Core Standards for Mathematics – Grade 3		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	***Math Expressions*** is a comprehensive mathematics curriculum for Kindergarten through Grade 6 that offers new ways to teach and learn mathematics. It follows the most recent recommendations for effective math instruction and aligns with many state standards and supports the Common Core State Standards. Math Expressions is: • Comprehensive, research-based program that is fully aligned to the **Common Core State Standards** and **Learning Progressions** • Written by well-respected researcher and author, **Dr. Karen Fuson,** who contributed to the research base for the CCSS, participated on the CCSS Mathematical Feedback • Committees and is a writer of the Learning Progressions for the CCSS in Mathematics Document • Combines the most powerful elements of standards-based instruction with the most effective methods of traditional approaches • Emphasizes **deeper understanding** through real-world problems, modeling, Math Talk, and exploration in order to build ideas that make sense to students • Students study a small number of mathematical concepts in order to have time to develop the knowledge to build in-depth understanding of big ideas • Teachers create an **exploratory environment** and encourage constructive discussion. Student invent, question, model and represent, but also learn and practice important math strategies • Through daily **Math Talk**, students explain methods and in turn, become more fluent in them. • Math Talk is supported with math boards and manipulatives to develop conceptual learning and fluency • Mathematics content and models connect and build across grade levels to provide a progression of teaching and learning that aligns precisely with the CCSS • As students confidence and experience build, use of modeling, repeated reasoning, and abstract thinking grow, leading to mastery of hallmark CCSS **Mathematical Practice Standards** • **Extensive teaching materials** include research and math background with the Common Core Learning Progressions and Mathematical Practices clearly identified

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	***Math Expressions*** uses a Learning Path Teaching- Learning Model that enables students to develop understanding and fluency. This model is based on National Research Council Reports and on the NCTM Process Standards. Each new math topic begins with Phase 1 in which teachers elicit, and the class discusses, student methods. The focus here is on understanding, and many students are able to develop methods because ***Math Expressions*** has carefully developed prerequisite knowledge. Phase 2 begins soon after this. Methods gathered in the extensive classroom research that developed ***Math Expressions*** are introduced in lessons. These methods are mathematically desirable and deserving of time and discussion in the class. They relate to formal math methods, but are more accessible forms of recording what can be unnecessarily difficult methods. These methods in the middle bridge from less-advanced to advanced methods, supporting understanding but leading to fluency because they are easy to carry out.

Best Practices in Program Design:	*Adding It Up: Helping Children Learn Mathematics*, a report published by the National Research Council in 2001, is a summary of the work of a committee of members from diverse backgrounds who reviewed and synthesized relevant research on mathematics learning from Pre-Kindergarten through Grade 8 (National Research Council (NRC), 2001, p. ix). The committee chose the term "mathematical proficiency" to capture what it means for anyone to learn mathematics successfully. Mathematical proficiency is broken down into the following five components, or strands: • **Conceptual understanding**—Comprehension of mathematical concepts, operations, and relations • **Procedural fluency**—Skill in carrying out procedures flexibly, accurately, efficiently, and appropriately • **Strategic competence**—Ability to formulate, represent, and solve mathematical problems • **Adaptive reasoning**—Capacity for logical thought, reflection, explanation, and justification • **Productive disposition**—Habitual inclination to see mathematics as sensible, useful, and worthwhile,

	coupled with a belief in diligence and one's own efficacy The most important observation the committee makes and stresses is that the five strands are interwoven and interdependent in the development of proficiency in mathematics (NRC, 2001, p. 116). The information on the research base for Math Expressions is organized around these five strands.

Main Components & Ancillary Items Needed for Implementation:	The following are the main components and ancillary materials that come with the Math Expressions program:
	Teacher Materials:
	Teacher Edition
	• Two volumes
	• Organized for ease of use
	• Includes research and math background
	Teacher's Resource Book
	• Supports teaching and learning
	• Includes family letters
	• Provides blackline masters of resources used in the program.
	Manipulative Kit Options:
	• Individual Student Manipulatives Kit
	• Manipulatives and Materials Kit
	• Custom Manipulatives Kit
	• Teacher Modelling Kit.
	Student Materials:
	Student Activity Book
	• Two volumes
	• Helps students link mathematical ideas to everyday experiences
	• Lessons focus on concept development, problem solving, and practice
	• Includes family letters and paper manipulatives at point of use.
	Homework and Remembering Book
	• Two volumes
	• Provides daily homework practice as well as daily spiral review
	• Available as consumable workbooks and blackline masters
	Math Boards
	• Available for Grades 1-6
	• Write-on, wipe-off dry erase boards
	• Students solve problems and represent solutions
	• Supports the emphasis on Math Talk.
	Instructional Support
	Assessment Guide: Formative and Summative assessments include:
	• Free response
	• Multiple Choice
	• Performance Based
	Math Center Challenges Easel
	• Provides activities, projects, and puzzlers
	• Helps students reach their highest math potential.
	Differentiated Instructional Cards
	• Packaged in a handy box
	• Provides intervention, on-level, and challenge activities
	• Supports classroom needs for differentiation
	Return on Intervention
	• Tier I Lessons
	  ○ Experience new instruction on grade-level concepts
	• Tiers 2 and 3 Lessons
	  ○ For Tier 2, experience new instruction in prerequisites
	  ○ For Tier 3, use scaffolded examples to build foundational knowledge.
	• Teacher Edition
	  ○ Includes teaching notes and instructional strategies
	  ○ Online
	Literature Library Collection
	• Brings mathematics concepts to life
	• Includes both fiction and nonfiction titles
	• Includes Activity Guide for each library

Professional Development /Training Required?	[X] **YES** [ ]

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If applicable, explain in-service training, required, number of hours and fees associated with service:
HMH Math Expressions ©2013 provides teachers with instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Houghton Mifflin Harcourt recognizes that with any new Mathematics curriculum initiative, a well-designed and deployed implementation, training and support plan is critical to success. Initial implementation involves the Initial Program Overview which includes an introduction to program components, essential technology, and instructional program design. The initial program implementation training can be delivered in a variety of ways- consultant trainer, On Demand eLearning, and/or webex trainings- to provide teachers with in-depth understanding of the Mathematics program adopted and its instructional components. Initial Program Implementation is provided complimentary, consistent with the number of student books purchased.
Beyond initial implementation, Houghton Mifflin Harcourt offers comprehensive fee- based professional development from workshops to Praxis In Action in-class consultative services. Advanced Implementation Workshops are based on the latest research in educational issues, providing educators with a depth of professional learning coupled with advanced implementation practices. Courses include Common Core through the lens of **HMH Math Expressions © 2013**

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The *Math Expressions* program resides in Houghton Mifflin Harcourt's digital platform, **ThinkCentral at http://www-k6.thinkcentral.com**
Cross Platform Functionality:	HMH's digital platform ThinkCentral is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions is available for importation into 3rd party Learning Management Systems such as Moodle, Blackboard, or ANGEL.
Plugins Needed: (Flash, Shockwave)	Plug in requirements for Windows users include Adobe Flash Player 10, Adobe Acrobat Reader 9 or higher, Quicktime 7.6 or higher.
Screen Resolution:	Program development is now done for 1024x768 for the ThinkCentral, though new content within the platform is taking advantage of HTML5 to better display on mobile devices with smaller screens.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32 and 64 bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	*Math Expressions* can be accessed on the following devices: Chromebooks with the latest Chrome Browser, Windows 7, Windows 8, Apple iPad v2-v4, iPad Air-Air 2 and Mini, Mini Retina Display. iOS7, and 8. Android 4,4, with 7+ inch screen
Licensing Model(s): (Subscription, 1 yr., etc.)	For those wanting print and digital components, The Premium Classroom Package option features content in print, HTML5, and EPUB3, with an additional print student consumable subscription for 6 years.
Updating Process: (How often, auto updates, etc.)	Technical updates to the ThinkCentral platform are done automatically once every quarter or when needed.
Tools & Features:	*Math Expressions* offers many digital tools to support the rigor and balance criterion and promote depth of understanding and mastery. These include the following: • **eTeacher Edition:** Easy to access planning charts, instructional routines, student pages, and on-demand professional development are all available online. Includes printable resources pages. • **Professional Development Video Podcasts:** download video podcasts with strategies for teaching concepts and skills • **eStudent Activity Book** is the interactive replica of the SAB that provides links to lesson resources, full audio, and a multimedia glossary. • **Interactive Whiteboards** provide rich and engaging learning experiences with IWB activities for every Math Expression lesson. • **Online Assessment**: Access customized, standards-based assessments and test from Math Expressions. Also features electronic tests with instant results, progress and prescriptive reports for teachers, and reports for school and home. • **Soar to Success Math:** Linked to lessons in the Student Activity Book, the diagnostic assessment in Soar to Success identifies student gaps and provides targeted intervention lessons. Supports Tiers 1, 2, and 3 of RtI model. Animated and voiced. • **ExamView Common Core Test Generator:** create your own tests on the CCSS. • **iTools:** Model, explore, and solve problems with interactive Math Expressions digital manipulatives. • **Mega Math:** Exciting leveled math adventures provide practice and application of skills and concepts • **Bilingual eGlossary:** the online glossary includes audio, graphics, and animation in both English and Spanish. • **Destination Math:** This highly targeted and personalized interactive learning environment supports cognitive learning skills where they are needed most. Houghton Mifflin Harcourt™ is constantly working to enhance the ThinkCentral experience and we take inspiration from many sources, especially our users. Accordingly, we are delighted to announce that your ThinkCentral account has been updated to include the new Teacher Dashboard and mySmartPlanner! **Teacher Dashboard:** The existing Teacher homepage has been redesigned as the new Teacher Dashboard, making it even easier to manage classes and assignments. All ThinkCentral features and functions can still be accessed easily, but you now have the tools to quickly view today's plans as well as performance and progress indicators. It's never been easier to stay informed and organized! • **Resources:** Launch eBooks, workbooks, and other resources directly from the Teacher Dashboard • **Assignments:** View the status of recent assignments and quickly access all ThinkCentral assignments and prescriptions • **Reports:** View class performance on assessments and easily access full reporting features • **Search:** Search for resources and lessons by standard or keyword, just like your favorite Internet search engine • **Browse:** Find resources in a table of content view or view by standards • **Reports:** Print daily and weekly plans containing details of the standards covered, as well as the resources and lessons scheduled

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	***my*SmartPlanner:** The legacy planner has been redesigned to offer a more robust, intuitive, and flexible planning experience. Some of the many benefits include more customization, new search features, and easier access to lesson plans and resources: • **Teaching Blocks:** Easily create teaching and non-teaching blocks , which can be customized right in your planner view • **Planning:** Auto-schedule recommended lesson plans for the entire year. Customize lesson plans and save them for next year! • **Set-Up:** Customize your planner with non-teaching days, holidays, and school breaks

Publishing Company Name: **Houghton Mifflin Harcourt**	**Title of Material:** **Math Expressions Student Activity Book with MathBoard 6-Year Print Subscription (Softcover) Grade 4**	**Copyright:** **2013** **ISBN number:** **9780544276499**
Subject Area: **Mathematics**	**Author(s):** **Dr. Karen Fuson**	**Grade Level:** **Grade 4**
Identify bank of <u>Idaho Content Standards and Common Core State Standards</u> that the material correlates to (e.g., Mathematics– Grade 5): **Idaho Core Standards for Mathematics – Grade 4**		

Key Features: **(This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)**	***Math Expressions*** is a comprehensive mathematics curriculum for Kindergarten through Grade 6 that offers new ways to teach and learn mathematics. It follows the most recent recommendations for effective math instruction and aligns with many state standards and supports the Common Core State Standards. Math Expressions is: • Comprehensive, research-based program that is fully aligned to the **Common Core State Standards** and **Learning Progressions** • Written by well-respected researcher and author, **Dr. Karen Fuson,** who contributed to the research base for the CCSS, participated on the CCSS Mathematical Feedback • Committees and is a writer of the Learning Progressions for the CCSS in Mathematics Document • Combines the most powerful elements of standards-based instruction with the most effective methods of traditional approaches • Emphasizes **deeper understanding** through real-world problems, modeling, Math Talk, and exploration in order to build ideas that make sense to students • Students study a small number of mathematical concepts in order to have time to develop the knowledge to build in-depth understanding of big ideas • Teachers create an **exploratory environment** and encourage constructive discussion. Student invent, question, model and represent, but also learn and practice important math strategies • Through daily **Math Talk**, students explain methods and in turn, become more fluent in them. • Math Talk is supported with math boards and manipulatives to develop conceptual learning and fluency • Mathematics content and models connect and build across grade levels to provide a progression of teaching and learning that aligns precisely with the CCSS • As students confidence and experience build, use of modeling, repeated reasoning, and abstract thinking grow, leading to mastery of hallmark CCSS **Mathematical Practice Standards** • **Extensive teaching materials** include research and math background with the Common Core Learning Progressions and Mathematical Practices clearly identified

Intended Use: **(spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)**	***Math Expressions*** uses a Learning Path Teaching- Learning Model that enables students to develop understanding and fluency. This model is based on National Research Council Reports and on the NCTM Process Standards. Each new math topic begins with Phase 1 in which teachers elicit, and the class discusses, student methods. The focus here is on understanding, and many students are able to develop methods because ***Math Expressions*** has carefully developed prerequisite knowledge. Phase 2 begins soon after this. Methods gathered in the extensive classroom research that developed ***Math Expressions*** are introduced in lessons. These methods are mathematically desirable and deserving of time and discussion in the class. They relate to formal math methods, but are more accessible forms of recording what can be unnecessarily difficult methods. These methods in the middle bridge from less-advanced to advanced methods, supporting understanding but leading to fluency because they are easy to carry out.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Best Practices in Program Design:	*Adding It Up: Helping Children Learn Mathematics*, a report published by the National Research Council in 2001, is a summary of the work of a committee of members from diverse backgrounds who reviewed and synthesized relevant research on mathematics learning from Pre-Kindergarten through Grade 8 (National Research Council (NRC), 2001, p. ix). The committee chose the term "mathematical proficiency" to capture what it means for anyone to learn mathematics successfully. Mathematical proficiency is broken down into the following five components, or strands: • **Conceptual understanding**—Comprehension of mathematical concepts, operations, and relations • **Procedural fluency**—Skill in carrying out procedures flexibly, accurately, efficiently, and appropriately • **Strategic competence**—Ability to formulate, represent, and solve mathematical problems • **Adaptive reasoning**—Capacity for logical thought, reflection, explanation, and justification • **Productive disposition**—Habitual inclination to see mathematics as sensible, useful, and worthwhile, coupled with a belief in diligence and one's own efficacy The most important observation the committee makes and stresses is that the five strands are interwoven and interdependent in the development of proficiency in mathematics (NRC, 2001, p. 116). The information on the research base for Math Expressions is organized around these five strands.

Main Components & Ancillary Items Needed for Implementation:	The following are the main components and ancillary materials that come with the Math Expressions program:
	Teacher Materials:
	Teacher Edition
	• Two volumes
	• Organized for ease of use
	• Includes research and math background
	Teacher's Resource Book
	• Supports teaching and learning
	• Includes family letters
	• Provides blackline masters of resources used in the program.
	Manipulative Kit Options:
	• Individual Student Manipulatives Kit
	• Manipulatives and Materials Kit
	• Custom Manipulatives Kit
	• Teacher Modelling Kit.
	Student Materials:
	Student Activity Book
	• Two volumes
	• Helps students link mathematical ideas to everyday experiences
	• Lessons focus on concept development, problem solving, and practice
	• Includes family letters and paper manipulatives at point of use.
	Homework and Remembering Book
	• Two volumes
	• Provides daily homework practice as well as daily spiral review
	• Available as consumable workbooks and blackline masters
	Math Boards
	• Available for Grades 1-6
	• Write-on, wipe-off dry erase boards
	• Students solve problems and represent solutions
	• Supports the emphasis on Math Talk.
	Instructional Support
	Assessment Guide: Formative and Summative assessments include:
	• Free response
	• Multiple Choice
	• Performance Based
	Math Center Challenges Easel
	• Provides activities, projects, and puzzlers
	• Helps students reach their highest math potential.
	Differentiated Instructional Cards
	• Packaged in a handy box
	• Provides intervention, on-level, and challenge activities
	• Supports classroom needs for differentiation
	Return on Intervention
	• Tier I Lessons
	  ○ Experience new instruction on grade-level concepts
	• Tiers 2 and 3 Lessons
	  ○ For Tier 2, experience new instruction in prerequisites
	  ○ For Tier 3, use scaffolded examples to build foundational knowledge.
	• Teacher Edition
	  ○ Includes teaching notes and instructional strategies
	  ○ Online
	Literature Library Collection
	• Brings mathematics concepts to life
	• Includes both fiction and nonfiction titles
	• Includes Activity Guide for each library

Professional Development /Training Required?	[X] **YES** [ ]

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

If applicable, explain in-service training, required, number of hours and fees associated with service:
HMH Math Expressions ©2013 provides teachers with instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Houghton Mifflin Harcourt recognizes that with any new Mathematics curriculum initiative, a well-designed and deployed implementation, training and support plan is critical to success. Initial implementation involves the Initial Program Overview which includes an introduction to program components, essential technology, and instructional program design. The initial program implementation training can be delivered in a variety of ways- consultant trainer, On Demand eLearning, and/or webex trainings- to provide teachers with in-depth understanding of the Mathematics program adopted and its instructional components. Initial Program Implementation is provided complimentary, consistent with the number of student books purchased.
Beyond initial implementation, Houghton Mifflin Harcourt offers comprehensive fee- based professional development from workshops to Praxis In Action in-class consultative services. Advanced Implementation Workshops are based on the latest research in educational issues, providing educators with a depth of professional learning coupled with advanced implementation practices. Courses include Common Core through the lens of **HMH Math Expressions © 2013**

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The *Math Expressions* program resides in Houghton Mifflin Harcourt's digital platform, **ThinkCentral at http://www-k6.thinkcentral.com**
Cross Platform Functionality:	HMH's digital platform ThinkCentral is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions is available for importation into 3rd party Learning Management Systems such as Moodle, Blackboard, or ANGEL.
Plugins Needed: (Flash, Shockwave)	Plug in requirements for Windows users include Adobe Flash Player 10, Adobe Acrobat Reader 9 or higher, Quicktime 7.6 or higher.
Screen Resolution:	Program development is now done for 1024x768 for the ThinkCentral, though new content within the platform is taking advantage of HTML5 to better display on mobile devices with smaller screens.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32 and 64 bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	*Math Expressions* can be accessed on the following devices: Chromebooks with the latest Chrome Browser, Windows 7, Windows 8, Apple iPad v2-v4, iPad Air-Air 2 and Mini, Mini Retina Display. iOS7, and 8. Android 4,4, with 7+ inch screen
Licensing Model(s): (Subscription, 1 yr., etc.)	For those wanting print and digital components, The Premium Classroom Package option features content in print, HTML5, and EPUB3, with an additional print student consumable subscription for 6 years.
Updating Process: (How often, auto updates, etc.)	Technical updates to the ThinkCentral platform are done automatically once every quarter or when needed.
Tools & Features:	*Math Expressions* offers many digital tools to support the rigor and balance criterion and promote depth of understanding and mastery. These include the following: • **eTeacher Edition:** Easy to access planning charts, instructional routines, student pages, and on-demand professional development are all available online. Includes printable resources pages. • **Professional Development Video Podcasts:** download video podcasts with strategies for teaching concepts and skills • **eStudent Activity Book** is the interactive replica of the SAB that provides links to lesson resources, full audio, and a multimedia glossary. • **Interactive Whiteboards** provide rich and engaging learning experiences with IWB activities for every Math Expression lesson. • **Online Assessment**: Access customized, standards-based assessments and test from Math Expressions. Also features electronic tests with instant results, progress and prescriptive reports for teachers, and reports for school and home. • **Soar to Success Math:** Linked to lessons in the Student Activity Book, the diagnostic assessment in Soar to Success identifies student gaps and provides targeted intervention lessons. Supports Tiers 1, 2, and 3 of RtI model. Animated and voiced. • **ExamView Common Core Test Generator:** create your own tests on the CCSS. • **iTools:** Model, explore, and solve problems with interactive Math Expressions digital manipulatives. • **Mega Math:** Exciting leveled math adventures provide practice and application of skills and concepts • **Bilingual eGlossary:** the online glossary includes audio, graphics, and animation in both English and Spanish. • **Destination Math:** This highly targeted and personalized interactive learning environment supports cognitive learning skills where they are needed most. Houghton Mifflin Harcourt™ is constantly working to enhance the ThinkCentral experience and we take inspiration from many sources, especially our users. Accordingly, we are delighted to announce that your ThinkCentral account has been updated to include the new Teacher Dashboard and mySmartPlanner! **Teacher Dashboard:** The existing Teacher homepage has been redesigned as the new Teacher Dashboard, making it even easier to manage classes and assignments. All ThinkCentral features and functions can still be accessed easily, but you now have the tools to quickly view today's plans as well as performance and progress indicators. It's never been easier to stay informed and organized! • **Resources:** Launch eBooks, workbooks, and other resources directly from the Teacher Dashboard • **Assignments:** View the status of recent assignments and quickly access all ThinkCentral assignments and prescriptions • **Reports:** View class performance on assessments and easily access full reporting features • **Search:** Search for resources and lessons by standard or keyword, just like your favorite Internet search engine • **Browse:** Find resources in a table of content view or view by standards • **Reports:** Print daily and weekly plans containing details of the standards covered, as well as the resources and lessons scheduled

	***my*SmartPlanner:** The legacy planner has been redesigned to offer a more robust, intuitive, and flexible planning experience. Some of the many benefits include more customization, new search features, and easier access to lesson plans and resources: • **Teaching Blocks:** Easily create teaching and non-teaching blocks , which can be customized right in your planner view • **Planning:** Auto-schedule recommended lesson plans for the entire year. Customize lesson plans and save them for next year! • **Set-Up:** Customize your planner with non-teaching days, holidays, and school breaks

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** Math Expressions Student Activity Book with MathBoard 6-Year Print Subscription (Softcover) Grade 5	**Copyright:** 2013 **ISBN number:** 9780544276505
Subject Area: Mathematics	**Author(s):** Dr. Karen Fuson	**Grade Level:** Grade 5
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Idaho Core Standards for Mathematics – Grade 5		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	***Math Expressions*** is a comprehensive mathematics curriculum for Kindergarten through Grade 6 that offers new ways to teach and learn mathematics. It follows the most recent recommendations for effective math instruction and aligns with many state standards and supports the Common Core State Standards. Math Expressions is: • Comprehensive, research-based program that is fully aligned to the **Common Core State Standards** and **Learning Progressions** • Written by well-respected researcher and author, **Dr. Karen Fuson,** who contributed to the research base for the CCSS, participated on the CCSS Mathematical Feedback • Committees and is a writer of the Learning Progressions for the CCSS in Mathematics Document • Combines the most powerful elements of standards-based instruction with the most effective methods of traditional approaches • Emphasizes **deeper understanding** through real-world problems, modeling, Math Talk, and exploration in order to build ideas that make sense to students • Students study a small number of mathematical concepts in order to have time to develop the knowledge to build in-depth understanding of big ideas • Teachers create an **exploratory environment** and encourage constructive discussion. Student invent, question, model and represent, but also learn and practice important math strategies • Through daily **Math Talk**, students explain methods and in turn, become more fluent in them. • Math Talk is supported with math boards and manipulatives to develop conceptual learning and fluency • Mathematics content and models connect and build across grade levels to provide a progression of teaching and learning that aligns precisely with the CCSS • As students confidence and experience build, use of modeling, repeated reasoning, and abstract thinking grow, leading to mastery of hallmark CCSS **Mathematical Practice Standards** • **Extensive teaching materials** include research and math background with the Common Core Learning Progressions and Mathematical Practices clearly identified

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	***Math Expressions*** uses a Learning Path Teaching- Learning Model that enables students to develop understanding and fluency. This model is based on National Research Council Reports and on the NCTM Process Standards. Each new math topic begins with Phase 1 in which teachers elicit, and the class discusses, student methods. The focus here is on understanding, and many students are able to develop methods because ***Math Expressions*** has carefully developed prerequisite knowledge. Phase 2 begins soon after this. Methods gathered in the extensive classroom research that developed ***Math Expressions*** are introduced in lessons. These methods are mathematically desirable and deserving of time and discussion in the class. They relate to formal math methods, but are more accessible forms of recording what can be unnecessarily difficult methods. These methods in the middle bridge from less-advanced to advanced methods, supporting understanding but leading to fluency because they are easy to carry out.

Best Practices in Program Design:	*Adding It Up: Helping Children Learn Mathematics*, a report published by the National Research Council in 2001, is a summary of the work of a committee of members from diverse backgrounds who reviewed and synthesized relevant research on mathematics learning from Pre-Kindergarten through Grade 8 (National Research Council (NRC), 2001, p. ix). The committee chose the term "mathematical proficiency" to capture what it means for anyone to learn mathematics successfully. Mathematical proficiency is broken down into the following five components, or strands: • **Conceptual understanding**—Comprehension of mathematical concepts, operations, and relations • **Procedural fluency**—Skill in carrying out procedures flexibly, accurately, efficiently, and appropriately • **Strategic competence**—Ability to formulate, represent, and solve mathematical problems • **Adaptive reasoning**—Capacity for logical thought, reflection, explanation, and justification • **Productive disposition**—Habitual inclination to see mathematics as sensible, useful, and worthwhile, coupled with a belief in diligence and one's own efficacy The most important observation the committee makes and stresses is that the five strands are interwoven and interdependent in the development of proficiency in mathematics (NRC, 2001, p. 116). The information on the research base for Math Expressions is organized around these five strands.

Main Components & Ancillary Items Needed for Implementation:	The following are the main components and ancillary materials that come with the Math Expressions program: **Teacher Materials:** Teacher Edition • Two volumes • Organized for ease of use • Includes research and math background Teacher's Resource Book • Supports teaching and learning

- Includes family letters
- Provides blackline masters of resources used in the program.

Manipulative Kit Options:

- Individual Student Manipulatives Kit
- Manipulatives and Materials Kit
- Custom Manipulatives Kit
- Teacher Modelling Kit.

Student Materials:

Student Activity Book

- Two volumes
- Helps students link mathematical ideas to everyday experiences
- Lessons focus on concept development, problem solving, and practice
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Homework and Remembering Book

- Two volumes
- Provides daily homework practice as well as daily spiral review
- Available as consumable workbooks and blackline masters

Math Boards

- Available for Grades 1-6
- Write-on, wipe-off dry erase boards
- Students solve problems and represent solutions
- Supports the emphasis on Math Talk.

Instructional Support

Assessment Guide: Formative and Summative assessments include:

- Free response
- Multiple Choice
- Performance Based

Math Center Challenges Easel

- Provides activities, projects, and puzzlers
- Helps students reach their highest math potential.

Differentiated Instructional Cards

- Packaged in a handy box
- Provides intervention, on-level, and challenge activities
- Supports classroom needs for differentiation

Return on Intervention

- Tier I Lessons
  - Experience new instruction on grade-level concepts
- Tiers 2 and 3 Lessons
  - For Tier 2, experience new instruction in prerequisites
  - For Tier 3, use scaffolded examples to build foundational knowledge.
- Teacher Edition
  - Includes teaching notes and instructional strategies
  - Online

Literature Library Collection

- Brings mathematics concepts to life
- Includes both fiction and nonfiction titles
- Includes Activity Guide for each library

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

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Plugins Needed: (Flash, Shockwave)	Plug in requirements for Windows users include Adobe Flash Player 10, Adobe Acrobat Reader 9 or higher, Quicktime 7.6 or higher.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Screen Resolution:	Program development is now done for 1024x768 for the ThinkCentral, though new content within the platform is taking advantage of HTML5 to better display on mobile devices with smaller screens.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32 and 64 bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	*Math Expressions* can be accessed on the following devices: Chromebooks with the latest Chrome Browser, Windows 7, Windows 8, Apple iPad v2-v4, iPad Air-Air 2 and Mini, Mini Retina Display. iOS7, and 8. Android 4,4, with 7+ inch screen
Licensing Model(s): (Subscription, 1 yr., etc.)	For those wanting print and digital components, The Premium Classroom Package option features content in print, HTML5, and EPUB3, with an additional print student consumable subscription for 6 years.
Updating Process: (How often, auto updates, etc.)	Technical updates to the ThinkCentral platform are done automatically once every quarter or when needed.
Tools & Features:	*Math Expressions* offers many digital tools to support the rigor and balance criterion and promote depth of understanding and mastery. These include the following: • **eTeacher Edition:** Easy to access planning charts, instructional routines, student pages, and on-demand professional development are all available online. Includes printable resources pages. • **Professional Development Video Podcasts:** download video podcasts with strategies for teaching concepts and skills • **eStudent Activity Book** is the interactive replica of the SAB that provides links to lesson resources, full audio, and a multimedia glossary. • **Interactive Whiteboards** provide rich and engaging learning experiences with IWB activities for every Math Expression lesson. • **Online Assessment**: Access customized, standards-based assessments and test from Math Expressions. Also features electronic tests with instant results, progress and prescriptive reports for teachers, and reports for school and home. • **Soar to Success Math:** Linked to lessons in the Student Activity Book, the diagnostic assessment in Soar to Success identifies student gaps and provides targeted intervention lessons. Supports Tiers 1, 2, and 3 of RtI model. Animated and voiced. • **ExamView Common Core Test Generator:** create your own tests on the CCSS. • **iTools:** Model, explore, and solve problems with interactive Math Expressions digital manipulatives. • **Mega Math:** Exciting leveled math adventures provide practice and application of skills and concepts • **Bilingual eGlossary:** the online glossary includes audio, graphics, and animation in both English and Spanish. • **Destination Math:** This highly targeted and personalized interactive learning environment supports cognitive learning skills where they are needed most. Houghton Mifflin Harcourt™ is constantly working to enhance the ThinkCentral experience and we take inspiration from many sources, especially our users. Accordingly, we are delighted to announce that your ThinkCentral account has been updated to include the new Teacher Dashboard and mySmartPlanner! **Teacher Dashboard:** The existing Teacher homepage has been redesigned as the new Teacher Dashboard, making it even easier to manage classes and assignments. All ThinkCentral features and functions can still be accessed easily, but you now have the tools to quickly view today's plans as well as performance and progress indicators. It's never been easier to stay informed and organized! • **Resources:** Launch eBooks, workbooks, and other resources directly from the Teacher Dashboard • **Assignments:** View the status of recent assignments and quickly access all ThinkCentral assignments and prescriptions • **Reports:** View class performance on assessments and easily access full reporting features • **Search:** Search for resources and lessons by standard or keyword, just like your favorite Internet search engine • **Browse:** Find resources in a table of content view or view by standards • **Reports:** Print daily and weekly plans containing details of the standards covered, as well as the resources and lessons scheduled
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IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** Math Expressions Student Activity Book with MathBoard 6-Year Print Subscription (Softcover) Grade 6	**Copyright:** 2013 **ISBN number:** 9780544276512
Subject Area: Mathematics	**Author(s):** Dr. Karen Fuson & Sybilla Beckmann	**Grade Level:** Grade 6
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Idaho Core Standards for Mathematics – Grade 6		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	***Math Expressions*** is a comprehensive mathematics curriculum for Kindergarten through Grade 6 that offers new ways to teach and learn mathematics. It follows the most recent recommendations for effective math instruction and aligns with many state standards and supports the Common Core State Standards. Math Expressions is: • Comprehensive, research-based program that is fully aligned to the **Common Core State Standards** and **Learning Progressions** • Written by well-respected researcher and author, **Dr. Karen Fuson,** who contributed to the research base for the CCSS, participated on the CCSS Mathematical Feedback • Committees and is a writer of the Learning Progressions for the CCSS in Mathematics Document • Combines the most powerful elements of standards-based instruction with the most effective methods of traditional approaches • Emphasizes **deeper understanding** through real-world problems, modeling, Math Talk, and exploration in order to build ideas that make sense to students • Students study a small number of mathematical concepts in order to have time to develop the knowledge to build in-depth understanding of big ideas • Teachers create an **exploratory environment** and encourage constructive discussion. Student invent, question, model and represent, but also learn and practice important math strategies • Through daily **Math Talk**, students explain methods and in turn, become more fluent in them. • Math Talk is supported with math boards and manipulatives to develop conceptual learning and fluency • Mathematics content and models connect and build across grade levels to provide a progression of teaching and learning that aligns precisely with the CCSS • As students confidence and experience build, use of modeling, repeated reasoning, and abstract thinking grow, leading to mastery of hallmark CCSS **Mathematical Practice Standards** • **Extensive teaching materials** include research and math background with the Common Core Learning Progressions and Mathematical Practices clearly identified

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- Supports the emphasis on Math Talk.

Instructional Support

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Professional Development /Training Required? [X] **YES** [ ]

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Full disclosure for digital materials: (please complete for digital curricular materials only)

Platform:	The *Math Expressions* program resides in Houghton Mifflin Harcourt's digital platform, **ThinkCentral at http://www-k6.thinkcentral.com**
Cross Platform Functionality:	HMH's digital platform ThinkCentral is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions is available for importation into 3rd party Learning Management Systems such as Moodle, Blackboard, or ANGEL.
Plugins Needed: (Flash, Shockwave)	Plug in requirements for Windows users include Adobe Flash Player 10, Adobe Acrobat Reader 9 or higher, Quicktime 7.6 or higher.
Screen Resolution:	Program development is now done for 1024x768 for the ThinkCentral, though new content within the platform is taking advantage of HTML5 to better display on mobile devices with smaller screens.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32 and 64 bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	*Math Expressions* can be accessed on the following devices: Chromebooks with the latest Chrome Browser, Windows 7, Windows 8, Apple iPad v2-v4, iPad Air-Air 2 and Mini, Mini Retina Display. iOS7, and 8. Android 4,4, with 7+ inch screen
Licensing Model(s): (Subscription, 1 yr., etc.)	For those wanting print and digital components, The Premium Classroom Package option features content in print, HTML5, and EPUB3, with an additional print student consumable subscription for 6 years.
Updating Process: (How often, auto updates, etc.)	Technical updates to the ThinkCentral platform are done automatically once every quarter or when needed.
Tools & Features:	*Math Expressions* offers many digital tools to support the rigor and balance criterion and promote depth of understanding and mastery. These include the following: • **eTeacher Edition:** Easy to access planning charts, instructional routines, student pages, and on-demand professional development are all available online. Includes printable resources pages. • **Professional Development Video Podcasts:** download video podcasts with strategies for teaching concepts and skills • **eStudent Activity Book** is the interactive replica of the SAB that provides links to lesson resources, full audio, and a multimedia glossary. • **Interactive Whiteboards** provide rich and engaging learning experiences with IWB activities for every Math Expression lesson. • **Online Assessment**: Access customized, standards-based assessments and test from Math Expressions. Also features electronic tests with instant results, progress and prescriptive reports for teachers, and reports for school and home. • **Soar to Success Math:** Linked to lessons in the Student Activity Book, the diagnostic assessment in Soar to Success identifies student gaps and provides targeted intervention lessons. Supports Tiers 1, 2, and 3 of RtI model. Animated and voiced. • **ExamView Common Core Test Generator:** create your own tests on the CCSS. • **iTools:** Model, explore, and solve problems with interactive Math Expressions digital manipulatives. • **Mega Math:** Exciting leveled math adventures provide practice and application of skills and concepts • **Bilingual eGlossary:** the online glossary includes audio, graphics, and animation in both English and Spanish. • **Destination Math:** This highly targeted and personalized interactive learning environment supports cognitive learning skills where they are needed most. Houghton Mifflin Harcourt™ is constantly working to enhance the ThinkCentral experience and we take inspiration from many sources, especially our users. Accordingly, we are delighted to announce that your ThinkCentral account has been updated to include the new Teacher Dashboard and mySmartPlanner! **Teacher Dashboard:** The existing Teacher homepage has been redesigned as the new Teacher Dashboard, making it even easier to manage classes and assignments. All ThinkCentral features and functions can still be accessed easily, but you now have the tools to quickly view today's plans as well as performance and progress indicators. It's never been easier to stay informed and organized! • **Resources:** Launch eBooks, workbooks, and other resources directly from the Teacher Dashboard • **Assignments:** View the status of recent assignments and quickly access all ThinkCentral assignments and prescriptions • **Reports:** View class performance on assessments and easily access full reporting features • **Search:** Search for resources and lessons by standard or keyword, just like your favorite Internet search engine • **Browse:** Find resources in a table of content view or view by standards • **Reports:** Print daily and weekly plans containing details of the standards covered, as well as the resources and lessons scheduled
	***my*SmartPlanner:** The legacy planner has been redesigned to offer a more robust, intuitive, and flexible planning experience. Some of the many benefits include more customization, new search features, and easier access to lesson plans and resources: • **Teaching Blocks:** Easily create teaching and non-teaching blocks , which can be customized right in your planner view • **Planning:** Auto-schedule recommended lesson plans for the entire year. Customize lesson plans and save them for next year! • **Set-Up:** Customize your planner with non-teaching days, holidays, and school breaks

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** GO Math! Premium Classroom Package with SBAC Grade K	**Copyright:** 2015 **ISBN number:** 9780544449992
Subject Area: Mathematics	**Author(s):** (this must match Submission/Bid Form & Sample) Dr. Edward B. Burger Dr. Matthew R. Larson Dr. Juli K. Dixon Steven J Leinwand Dr. Timothy D. Kanold Martha E. Sandoval-Martinez	**Grade Level:** Kindergarten

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

GO Math! © 2015 for Kindergarten through Grade 6 aligns to the Idaho Content Standards and the Common Core State Standards (CCSS). Please see the correlations that accompany this proposal for complete details.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**GO Math!** for Kindergarten through Grade 6 was built from the ground up for the Common Core State Standards (CCSS). The program, available in English and Spanish, provides in-depth instruction with equal emphasis on conceptual understanding, procedural fluency, and real-world application. The program includes a fully integrated digital curriculum that transforms instruction and learning. **GO Math!** exemplifies best practices in research-based curriculum and the best of today's educational technology. Over the past five years, Houghton Mifflin Harcourt (HMH) has provided the trusted content of the **GO Math!** program to over seven million students in every state in the US and in 72 countries. **GO Math!** was selected as a finalist in the 2015 Revere Awards from the Association of American Publishers (AAP). HMH was honored to have **GO Math!** identified for its excellence as a high-quality product that supports teaching and learning. Comprehensive digital resources promote mastery and support students, teachers, administrators, and families.The next-generation digital components have been designed specifically with students and teachers in mind, with online and offline accessibility, tutorial videos, interactivities, and adaptive tools available at point-of-use. **GO Math!** teacher components present new levels of convenience and efficiency around planning, instructing, assigning, and assessing. The program provides rigor and depth with increased accessibility, with the Mathematical Practices embedded in every lesson, interactivity, research-based instructional approaches, and differentiated instructional resources to ensure success for all students. The program comes with our commitment to deliver quality implementation training that meets the needs of your district through comprehensive on-site and online support. **GO Math!** will help you meet the goals set for Idaho's students.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**GO Math!** is a comprehensive program that develops and strengthens students' mathematical knowledge and skills. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas, as they relate to students' problem-solving and reasoning. The Critical Areas of **GO Math!: Kindergarten** are: • Numbers • Shapes **GO Math!** provides robust teacher support that begets effective, high-quality instruction for whole-group, small-group, and individual-level instruction and intervention. The Teacher Edition offers on-the-spot professional development and strategies that strengthen teachers' ability to engage students and provide enriching connections to mathematics while integrating the Standards for Mathematical Practices. The **GO Math!** teacher materials are organized and easy to use. In both print and digital formats, the Teacher Edition, ancillary materials, RTI and ELL resources, multimedia resources, assessments, and planning tools are logically organized to increase efficiency. Full support is provided for technology use and integration. The software and technology in the **GO Math!** program is described within this document.

Best Practices in Program Design:	**GO Math!** presents a balance of mathematical procedures and deeper conceptual understanding, as outlined by the Idaho Core Standards. The lesson design is based upon the 5E Model of Instruction: Engage, Explore, Explain, Elaborate, and Evaluate. This design leads students to procedural fluency and deep conceptual understanding

	through faded scaffolded instruction. **GO Math!** leads with conceptual investigations and tasks, followed by carefully crafted lessons that include scaffolded examples and modeling, and follows with a variety of practice formats to strengthen independent skills. **GO Math!** program's 5E Model of Instruction and concrete-pictorial-abstract lesson progression provides meaningful instruction and application. This design provides scaffolded support that, when gradually faded, results in students' ability to perform independently. Each Critical Area of **GO Math!** begins with a *Real World Project* that mixes fun and challenge while focusing on specific CCSS domains. *Real World Projects* let students explore and discover through multiple steps that stimulate critical thinking skills. Several cross-domain activities are provided for each *Real World Project*, and teachers can choose how many they want to include. There is also an option called *Extend the Project,* which transforms the *Real World Project* into a performance assessment of the CCSS Critical Area. *Project Scoring Rubrics* are included in the Teacher Edition. Preceding each chapter's lessons are activities that prepare students for the learning ahead. *Developing Math Language* introduces the lesson's vocabulary and includes a leveled ELL activity and a vocabulary strategy for students to use throughout the lesson. The *Vocabulary Builder* page gives students both review words and preview words, and the *Vocabulary Game* offers reinforcement that can be used at any point in the chapter. Before the lesson begins, the class recalls background knowledge with *Show What You Know*. Special activities for intervention groups, *Review Prerequisite Skills,* are included. Teachers begin each lesson in the *Engage* section, which integrates the *Real-World Video* (3-6), the *Essential Question* discussion, and a discovery activity. Also during the Engage section, the class completes a brief activity that links mathematics and literacy. Inquiry and discovery continue in the *Explore* section of the lesson, as students are introduced to the key points of the lesson with an interactive, highly scaffolded activity based on a real-world scenario. With these modeled, step-by-step supports, students find ways to interact with the mathematical concept while strengthening their conceptual understanding. The *Explain* section of the lesson features multiple representations of the concept and opportunities for practice. Using new academic and mathematical vocabulary, students engage in *Math Talk* and use their *Math Boards* as they expand their understanding. The Teacher Edition offers scaffolded support through features such as *Common Errors* alerts, differentiated instruction strategies and activities, and question prompts. The student text provides stepped-out models along with scaffolded problems for students to solve. *On Your Own* and *Go Deeper* problems ask students to exhibit increased independence. Students progress to the *Elaborate* section of the lesson, which requires them to solve problems, justify their thinking, and provide evidence of their reasoning with increased independence. *Think Smarter+* problems stimulate higher-order thinking and incorporate specific Mathematical Practice standards. Students can view the *Math on the Spot* tutorial videos at any time for lesson-specific step-by-step instructions and explanations. The *Evaluate* exercises, with *Practice and Homework* pages, allow students to independently build proficiency and conceptual understanding with questions at various DOK levels. The *Essential Question Reflection* assesses students' comprehension thus far. For students needing additional support, remediation and RTI resource options are listed in the Teacher Edition throughout the lesson. Procedures and concepts are presented in real-world scenarios that stimulate students' sense- making and connections. The Teacher Edition provides instructional strategies and question prompts that guide and support students. The Student Edition includes meaningful visuals and thoughtful layouts that assist students' acquisition of knowledge and procedural skills. The **GO Math!** print and digital Student Edition feature a write-in design that allows students to immediately engage in the mathematics. Student materials and resources provide interactive experiences that enhance conceptual understanding and procedural skills. Models, questions, manipulatives, quick pictures, and symbols are used to engage students as they develop a deeper understanding of the content and increase fluency. Throughout any phase of the lesson, students can use the program's ancillary items, such as the *Leveled Math Concept Readers, Animated Math,* and *Math on the Spot* tutorial videos to enhance their understanding.

Main Components & Ancillary Items Needed for Implementation:	In addition to the print materials, **GO Math!** includes high-quality resources and technology that boost students'

engagement and learning and enhance teachers' efficiency and instruction.

GO Math! delivers multisensory instruction and multiple representations through multiple modes. Students are exposed to content in several different ways, building and extending their understanding. **GO Math!** content is presented in print and digital modes, and students experience teacher models, hands-on learning, collaborative activities, and performance-based tasks.

GO Math! offers teachers tools that add time and efficiency to every phase — planning, instruction, assessment, and intervention. The components are user-friendly and resources are organized by chapters and lessons. Teachers and students are able to access content in print and digital formats, and the *HMH Player™ App* enables access to digital content while offline. Therefore, students are able to interact with the richness of the Interactive Student Edition and other electronic tools and resources from home and on-the-go, even if Internet access is not available. The *HMH Player* delivers **GO Math!** content with digital enhancements that provide an engaging, organized way to learn. The *HMH Player* gives direct access to texts, resources, and ancillary materials, the *Personal Math Trainer, Math on the Spot* tutorial videos, virtual manipulatives, and calculators. With its embedded features, the *HMH Player* lets students access their work and support materials easily from one app. Digital editions allow students to choose the page size, and the Interactive Student Edition includes audio text reader capability with captions.

The *Personal Math Trainer,* powered by Knewton, provides a personalized learning path that includes individualized instruction, practice, intervention, assessment, and enrichment. It adds further support with instant feedback, step-by-step problem-solving, point-of-use learning aids, and adaptive technology that targets students' needs, including weaknesses in underlying prerequisite skills. Teachers can also assign activities and assessments to students and have the results and reports sent to the *Teacher Dashboard.*

The **GO Math!** program is compatible with Mac iOS®, Android™, and Windows® tablets; Mac OS® and Windows® desktops and laptops; and Chromebooks™. Compatible browsers include Google Chrome™, Firefox®, Safari® (7.0 and up), Internet Explorer® (8 and up).

- **GO Math!** Online Teacher Edition and *Teacher Dashboard*
  - Online Teacher Edition (downloadable and printable full-color pages), *Teacher Resources* (downloadable and printable), *Chapter Resources Books* (downloadable and printable), *Getting Ready for SBAC* (downloadable and printable), and teacher access to the Student Edition eBook and the Interactive Student Edition.
  - Provides quick access to *Teacher Resource Center*, assignments, planner, reports, program resources, presentation tools, *Math on the Spot* tutorial videos, and *Professional Development Videos* featuring author Dr. Juli Dixon.
  - *Interactive Whiteboard Lessons* for every **GO Math!** lesson
  - *Professional Development Podcasts* about the *Essential Questions*
- **GO Math!** Student Edition eBook
  - Write-in format
  - Embedded bookmarking and note-taking
  - Clickable audio
  - Links to *Math On the Spot* tutorial videos, *Personal Math Trainer*, and *iTools*
  - Accessible on computers, tablets, and smartphones
- **GO Math!** online Interactive Student Edition is a dynamic and fun approach to learning math and includes:
  - Lively, animated instruction
  - Alternate content from the eStudent Edition
  - Delivers access to embedded media, the *Personal Math Trainer,* and videos
  - eGlossary
  - *iTools* and *Virtual Tools*
  - Online assessment, intervention, and homework and online submission
  - Accessible on computers, tablets, and smartphones
- *Student Dashboard* keeps students on track with helpful features.

	○ *Things to Do* (calendar) ○ *My Library* ○ *My Score* ○ Eliminates the issue of losing work because activities completed on the *HMH Player* synchronize with the *Student Dashboard* • The *HMH Player* is an online, offline, and on-the-go all-in-one classroom application for students and teachers. All program materials and lesson resources, including embedded media, interactivities, assessments, planning tools, schedules, and reports are accessed via this one app. ○ The *HMH Player App* delivers next-generation digital experience and is compatible with any Internet-enabled device, and all content can be accessed offline. ○ *mySmartPlanner* enables teachers to easily plan classes, create and view assignments, and access all program resources in one place. Teachers can customize lessons and import their own content from outside the HMH program. ○ Digital engagement features, such as real-time chat with the teacher and classroom collaboration are included. Students can "raise a hand" within the application to ask or answer questions. Within the *HMH Player*, students can collaborate, both in and out of the classroom, with the messaging capabilities. Teachers can set up and oversee study groups, provide activities that foster synergy among students and classes, and send notifications and immediate feedback to the whole class or to individual students. ○ *Virtual Tools,* available online and offline, allow students to explore interactively and practice key math concepts and skills. ○ Students can work online or offline without missing a beat. All teacher and student work done in *HMH Player* and the Online Editions sync with the *Dashboards*. ○ The *HMH Player* was awarded Best of Show at the 2014 International Society of Technology in Education (ISTE) Conference. • *HMH Mega Math* boosts skills with exciting, leveled math adventures. ○ Provides review, practice, and application of skills and concepts ○ Fun game format ○ Instant feedback and motivating rewards • The *Personal Math Trainer* provides individualized intervention, remediation, enrichment, homework, practice, and assessment. ○ Students who use the *Personal Math Trainer* build a lifelong profile that travels with them as they progress from grade to grade and can continue to build on the individual skills they mastered from years past. ○ The *Personal Math Trainer* can automatically assign and grade students' work. ○ Teachers have access to detailed views of their students' progress, learning styles, strengths, and needs. Predictive scores are available for upcoming assessments. ○ Personalized trajectories are designed for every student to ensure the most efficient path to achieving learning goals. Targeted recommendations for other assignments are given. ○ Prescriptions are based on dynamic data and trends, not "decision tree" technology. If two students make the same mistake, they won't necessarily receive the same prescription. ○ The *Personal Math Trainer* operates with a deep pool of data and content and constantly searches for trends to provide an early warning system and predict success or difficulty. The *Personal Math Trainer* collects and compares student data on a national level, not just the campus level. The more data gathered, the smarter the system becomes. • *Animated Math* delivers dynamic visual representations of the content. ○ Interactive simulations and tools ○ Lesson activities and games with audio

- Instant feedback
- *Real-World Videos* introduce lessons using math in real-world settings.
  - Helps students make authentic connections with concepts
  - Displays the use and importance of math outside of the classroom
- *iTools* are virtual online manipulatives.
  - Multiple formats and functions
  - Digitally embedded – no need to leave the **GO Math!** workpage
- *Interactive Whiteboard Lessons* are available for every lesson in **GO Math!**
  - Engaging multisensory learning experiences
  - Compatible with Promethean® and SMART® Interactive Whiteboards and other interactive surfaces or projectors
- *Math on the Spot* tutorial videos, starring program authors in Grades 3 to 6 and *Math on the Spot* puppets Joey and Jeannie in Kindergarten to Grade 2, make learning fun. These videos:
  - Walk students through solutions to selected problems in the Student Edition
  - Provide step-by-step instructions and explanations of key math concepts
  - Can be launched using QR codes in the Student Edition
- *GO Math! Daily App* for Apple and Android devices
  - Practice and assessment for all lessons in **GO Math!**
  - Helps students build fluency
  - Instant feedback, with "hints" when needed
  - Scratchpad tool for students to work out problems

Other GO Math! Materials and Resources:

- *Grab-and-Go! Differentiated Centers Kit* offer leveled activities and games that connect directly to the lessons.
- *MathBoards* and Class and Student Manipulative Kits give students tools to represent their thinking visually.
- Leveled *Math Concept Readers* (three versions of the same story -- Below-Level, On-Level, and Above-Level) present concepts in real-world scenarios and enhance understanding.
- Lessons and activities for all three tiers of RTI, as well as *Reteach* and *Enrich* lessons and activities are available in print and digitally.
- The *ELL Activity Guide* offers comprehensive support for ELLs. The language-focused activities help students access the **GO Math!** content.
- The Spanish-language **GO Math!** program includes an *English Language Activity Guide.*

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

Houghton Mifflin Harcourt is committed to partnering with Idaho's teachers and administrators in the creation of a sustaining professional development plan that begins with initial implementation and extends into long-term professional development. HMH's Implementation Directors and Professional Development Specialists will work with the curriculum leaders to determine what training and delivery options best meet administrator and teacher needs. Blending face-to-face professional development with *AskHMH*™ online advice and video-based learning, our professional development services meet the day-to-day needs of educators. Services include advanced instructional workshops, coaching and demonstration lessons, best practices using technology, and performance assessment to ensure optimal student results. Our specialized team combines in-depth subject and product knowledge with classroom experience to support educators.

HMH is a major publisher of pre-K-12 programs with vast experience in implementing programs. Our framework for effective implementation is grounded in the following beliefs:

- Administrators are instructional leaders and are critical to a successful implementation.
- Effective implementation requires careful planning and utilization of district assets in combination with Houghton Mifflin Harcourt resources.
- Initial implementation training and feedback provides equity in understanding of the program component, resources, and instructional

design.

- Ongoing, needs-based professional development is a hallmark of communities of practice and districts who have succeeded in raising achievement.

HMH's professional development programs are grounded in research and classroom practice. Each program provides rich and rigorous instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Even with such extensive support, HMH recognizes that ongoing professional development is necessary to build a foundational understanding of the program and pedagogy. Our goal is to build internal capacity by supporting your teachers, coaches, and leaders to get the results your districts expect and your students deserve.

With the purchase of **GO Math!**, you will receive service entitlements that can be applied to the training courses listed below. A customized full-day training program can be designed to meet your specific professional development needs. Houghton Mifflin Harcourt's on-site professional development solutions, delivered by experienced, highly qualified Professional Development Specialists include:

GO Math! Foundations

- ***User Experience***
  Designed for teachers who are new to **GO Math!**, this three-hour training includes an overview of the program and instructional resources and provides a deeper understanding of differentiation, assessment, and technology to support successful implementation.
- ***Effective Implementations of GO Math! Technology***
  This three-hour training provides a deeper understanding of course-related technology and supports successful implementation of the program's digital components.

GO Math! Coaching and Demonstrations Lessons

Choose a full day of product coaching or demonstration lessons, and focus on deeper understanding, interpretation, and application of **GO Math!** program components. Professional Development Specialists provide immediate feedback on instructional practices, climate, delivery, and impact.

GO Math! Digital Learning Essentials (available as a blended delivery or online-facilitated delivery)

- ***Setting the State for Technology Integration***
  These sessions are designed to help educators draw research-based conclusions about students' instructional and developmental needs, understand the current level of instructional practice as measured by ISTE Standards for Teachers, and analyze and apply frameworks of instruction to support the infusion of technology into daily instruction.
- ***Creating Impactful Learning in a Blended Classroom***
  Learn how to identify and implement the four blended learning models to impact instruction, and explore solutions to support classroom management in a blended classroom; strategies for infusing Digital Literacy and Digital Citizenship into instruction; and best practices to enable home/school connection to support a blended classroom.
- ***Authentic Instruction in a Blended Classroom***
  Learn how to evaluate, choose, and practice appropriate blended learning models to support learning and creating engaging, real-world learning opportunities with digital tools.

GO Math! Instructional Practices

- ***Instructional Shifts and GO Math!***
  This three-hour workshop helps teachers make instructional shifts by creating a collaborative learning environment using **GO Math!** instructional lesson design, digital support, and print resources. Attendees will examine each shift (fluency, coherence, focus, deep understanding, dual intensity, and application) and learn how to support students in developing conceptual understanding and procedural fluency.
- ***Assessment and GO Math!***
  This three-hour workshop begins with a brief overview of the Common Core State Content and Mathematical Practice Standards within the context of the Common Core Assessments. From that lens, teachers will inventory **GO Math!** print and digital support for formative and summative assessment and learn how to best use these resources to inform instruction.
- ***GO Math! and Problem-Solving***
  This three-hour workshop focuses on best practices for approaching problem-solving with the Common Core and explores how Mathematical Practice Standards are integrated within the rigorous problem-solving approach found in **GO Math!** Attendees will participate in active problem-solving, exploring, and approaching problems from a concrete and abstract manner.

Collaborative Data Teams® for GO Math! (available as 12 contact hours of in-person delivery or 12 contact hours of online-facilitated delivery)

Participants will learn the fundamental steps of the Data Teams process, including the analysis of program embedded assessments, creation of standards-aligned short-cycle assessments, and the implementation of effective data-based collaboration—all aligned with **GO Math!** content. In addition, leaders will gain an understanding of how to implement, monitor, and support the Data Teams process within the **GO Math!** instructional program.

Authentic Performance Assessment for GO Math! (available as 18 contact hours of in-person delivery or 18 contact hours of online-facilitated delivery)

Teachers will learn to develop authentic performance tasks utilizing the **GO Math!** content and resources. Through this process, mathematics teachers will fully

leverage the adopted instructional resources into consistent and highly engaging units of study. To achieve the goals of Idaho's districts, the Houghton Mifflin Harcourt Director of Implementation and your Account Executive will work with your instructional leaders to design an effective plan of professional development.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The **GO Math!** program resides on Houghton Mifflin Harcourt's digital platform, ThinkCentral at **www-k6.thinkcentral.com**.
Cross Platform Functionality:	HMH's ThinkCentral digital platform is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32- and 64-bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to ThinkCentral may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **GO Math!** program's tools and features.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** GO Math! Premium Classroom Package with SBAC (Multi-Volume SE) (5-Year Print/5-Year Digital) Grade 1	**Copyright:** 2015 **ISBN number:** 9780544450097
Subject Area: Mathematics	**Author(s):** (this must match Submission/Bid Form & Sample) Dr. Edward B. Burger Dr. Matthew R. Larson Dr. Juli K. Dixon Steven J Leinwand Dr. Timothy D. Kanold Martha E. Sandoval-Martinez	**Grade Level:** Grade 1

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

GO Math! © 2015 for Kindergarten through Grade 6 aligns to the Idaho Content Standards and the Common Core State Standards (CCSS). Please see the correlations that accompany this proposal for complete details.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**GO Math!** for Kindergarten through Grade 6 was built from the ground up for the Common Core State Standards (CCSS). The program, available in English and Spanish, provides in-depth instruction with equal emphasis on conceptual understanding, procedural fluency, and real-world application. The program includes a fully integrated digital curriculum that transforms instruction and learning. **GO Math!** exemplifies best practices in research-based curriculum and the best of today's educational technology. Over the past five years, Houghton Mifflin Harcourt (HMH) has provided the trusted content of the **GO Math!** program to over seven million students in every state in the US and in 72 countries. **GO Math!** was selected as a finalist in the 2015 Revere Awards from the Association of American Publishers (AAP). HMH was honored to have **GO Math!** identified for its excellence as a high-quality product that supports teaching and learning. Comprehensive digital resources promote mastery and support students, teachers, administrators, and families.The next-generation digital components have been designed specifically with students and teachers in mind, with online and offline accessibility, tutorial videos, interactivities, and adaptive tools available at point-of-use. **GO Math!** teacher components present new levels of convenience and efficiency around planning, instructing, assigning, and assessing. The program provides rigor and depth with increased accessibility, with the Mathematical Practices embedded in every lesson, interactivity, research-based instructional approaches, and differentiated instructional resources to ensure success for all students. The program comes with our commitment to deliver quality implementation training that meets the needs of your district through comprehensive on-site and online support. **GO Math!** will help you meet the goals set for Idaho's students.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**GO Math!** is a comprehensive program that develops and strengthens students' mathematical knowledge and skills. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas, as they relate to students' problem-solving and reasoning. The Critical Areas of **GO Math!: Grade 1** are: • Addition and Subtraction • Place Value • Measurement • Geometry **GO Math!** provides robust teacher support that begets effective, high-quality instruction for whole-group, small-group, and individual-level instruction and intervention. The Teacher Edition offers on-the-spot professional development and strategies that strengthen teachers' ability to engage students and provide enriching connections to mathematics while integrating the Standards for Mathematical Practices. The **GO Math!** teacher materials are organized and easy to use. In both print and digital formats, the Teacher Edition, ancillary materials, RTI and ELL resources, multimedia resources, assessments, and planning tools are logically organized to increase efficiency. Full support is provided for technology use and integration. The software and technology in the **GO Math!** program is described within this document.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Best Practices in Program Design:	**GO Math!** presents a balance of mathematical procedures and deeper conceptual understanding, as outlined by the Idaho Content Standards. The lesson design is based upon the 5E Model of Instruction: Engage, Explore, Explain, Elaborate, and Evaluate. This design leads students to procedural fluency and deep conceptual understanding through faded scaffolded instruction. **GO Math!** leads with conceptual investigations and tasks, followed by carefully crafted lessons that include scaffolded examples and modeling, and follows up with a variety of practice formats to strengthen independent skills. **GO Math!** program's 5E Model of Instruction and concrete-pictorial-abstract lesson progression provides meaningful instruction and application. This design provides scaffolded support that, when gradually faded, results in students' ability to perform independently. Each Critical Area of **GO Math!** begins with a *Real World Project* that mixes fun and challenge while focusing on specific CCSS domains. *Real World Projects* let students explore and discover through multiple steps that stimulate critical thinking skills. Several cross-domain activities are provided for each *Real World Project*, and teachers can choose how many they want to include. There is also an option called *Extend the Project,* which transforms the *Real World Project* into a performance assessment of the CCSS Critical Area. *Project Scoring Rubrics* are included in the Teacher Edition. Preceding each chapter's lessons are activities that prepare students for the learning ahead. *Developing Math Language* introduces the lesson's vocabulary and includes a leveled ELL activity and a vocabulary strategy for students to use throughout the lesson. The *Vocabulary Builder* page gives students both review words and preview words, and the *Vocabulary Game* offers reinforcement that can be used at any point in the chapter. Before the lesson begins, the class recalls background knowledge with *Show What You Know*. Special activities for intervention groups, *Review Prerequisite Skills,* are included. Teachers begin each lesson in the *Engage* section, which integrates the *Real-World Video* (3-6), the *Essential Question* discussion, and a discovery activity. Also during the Engage section, the class completes a brief activity that links mathematics and literacy. Inquiry and discovery continue in the *Explore* section of the lesson, as students are introduced to the key points of the lesson with an interactive, highly scaffolded activity based on a real-world scenario. With these modeled, step-by-step supports, students find ways to interact with the mathematical concept while strengthening their conceptual understanding. The *Explain* section of the lesson features multiple representations of the concept and opportunities for practice. Using new academic and mathematical vocabulary, students engage in *Math Talk* and use their *Math Boards* as they expand their understanding. The Teacher Edition offers scaffolded support through features such as *Common Errors* alerts*,* differentiated instruction strategies and activities*,* and question prompts*.* The student text provides stepped-out models along with scaffolded problems for students to solve. *On Your Own* and *Go Deeper* problems ask students to exhibit increased independence. Students progress to the *Elaborate* section of the lesson, which requires them to solve problems, justify their thinking, and provide evidence of their reasoning with increased independence. *Think Smarter+* problems stimulate higher-order thinking and incorporate specific Mathematical Practice standards. Students can view the *Math on the Spot* tutorial videos at any time for lesson-specific step-by-step instructions and explanations. The *Evaluate* exercises, with *Practice and Homework* pages, allow students to independently build proficiency and conceptual understanding with questions at various DOK levels. The *Essential Question Reflection* assesses students' comprehension thus far. For students needing additional support, remediation and RTI resource options are listed in the Teacher Edition throughout the lesson. Procedures and concepts are presented in real-world scenarios that stimulate students' sense- making and connections. The Teacher Edition provides instructional strategies and question prompts that guide and support students. The Student Edition includes meaningful visuals and thoughtful layouts that assist students' acquisition of knowledge and procedural skills. The **GO Math!** print and digital Student Edition feature a write-in design that allows students to immediately engage in the mathematics. Student materials and resources provide interactive experiences that enhance conceptual understanding and procedural skills. Models, questions, manipulatives, quick pictures, and symbols are used to engage students as they develop a deeper understanding of the content and increase fluency.

	Throughout any phase of the lesson, students can use the program's ancillary items, such as the *Leveled Math Concept Readers, Animated Math,* and *Math on the Spot* tutorial videos to enhance their understanding.

Main Components & Ancillary Items Needed for Implementation:	In addition to the print materials, **GO Math!** includes high-quality resources and technology that boost students' engagement and learning and enhance teachers' efficiency and instruction.
	GO Math! delivers multisensory instruction and multiple representations through multiple modes. Students are exposed to content in several different ways, building and extending their understanding. **GO Math!** content is presented in print and digital modes, and students experience teacher models, hands-on learning, collaborative activities, and performance-based tasks.
	GO Math! offers teachers tools that add time and efficiency to every phase — planning, instruction, assessment, and intervention. The components are user-friendly and resources are organized by chapters and lessons. Teachers and students are able to access content in print and digital formats, and the *HMH Player™ App* enables access to digital content while offline. Therefore, students are able to interact with the richness of the Interactive Student Edition and other electronic tools and resources from home and on-the-go, even if Internet access is not available. The *HMH Player* delivers **GO Math!** content with digital enhancements that provide an engaging, organized way to learn. The *HMH Player* gives direct access to texts, resources, and ancillary materials, the *Personal Math Trainer, Math on the Spot* tutorial videos, virtual manipulatives, and calculators. With its embedded features, the *HMH Player* lets students access their work and support materials easily from one app. Digital editions allow students to choose the page size, and the Interactive Student Edition includes audio text reader capability with captions.
	The *Personal Math Trainer,* powered by Knewton, provides a personalized learning path that includes individualized instruction, practice, intervention, assessment, and enrichment. It adds further support with instant feedback, step-by-step problem-solving, point-of-use learning aids, and adaptive technology that targets students' needs, including weaknesses in underlying prerequisite skills. Teachers can also assign activities and assessments to students and have the results and reports sent to the *Teacher Dashboard.*
	The **GO Math!** program is compatible with Mac iOS®, Android™, and Windows® tablets; Mac OS® and Windows® desktops and laptops; and Chromebooks™. Compatible browsers include Google Chrome™, Firefox®, Safari® (7.0 and up), Internet Explorer® (8 and up).
	• **GO Math!** Online Teacher Edition and *Teacher Dashboard*
	  ○ Online Teacher Edition (downloadable and printable full-color pages), *Teacher Resources* (downloadable and printable), *Chapter Resources Books* (downloadable and printable), *Getting Ready for SBAC* (downloadable and printable), and teacher access to the Student Edition eBook and the Interactive Student Edition.
	  ○ Provides quick access to *Teacher Resource Center*, assignments, planner, reports, program resources, presentation tools, *Math on the Spot* tutorial videos, and *Professional Development Videos* featuring author Dr. Juli Dixon.
	  ○ *Interactive Whiteboard Lessons* for every **GO Math!** Lesson.
	  ○ *Professional Development Podcasts* about the *Essential Questions.*
	• **GO Math!** Student Edition eBook
	  ○ Write-in format
	  ○ Embedded bookmarking and note-taking
	  ○ Clickable audio
	  ○ Links to *Math On the Spot* tutorial videos, *Personal Math Trainer*, and *iTools*
	  ○ Accessible on computers, tablets, and smartphones
	• **GO Math!** online Interactive Student Edition is a dynamic and fun approach to learning math and includes:
	  ○ Lively, animated instruction
	  ○ Alternate content from the eStudent Edition
	  ○ Delivers access to embedded media, the *Personal Math Trainer,* and videos

	○ eGlossary ○ *iTools* and *Virtual Tools* ○ Online assessment, intervention, and homework and online submission ○ Accessible on computers, tablets, and smartphones • *Student Dashboard* keeps students on track with helpful features. ○ *Things to Do* (calendar) ○ *My Library* ○ *My Score* ○ Eliminates the issue of losing work because activities completed on the *HMH Player* synchronize with the *Student Dashboard* • The *HMH Player* is an online, offline, and on-the-go all-in-one classroom application for students and teachers. All program materials and lesson resources, including embedded media, interactivities, assessments, planning tools, schedules, and reports are accessed via this one app. ○ The *HMH Player App* delivers next-generation digital experience and is compatible with any Internet-enabled device, and all content can be accessed offline. ○ *mySmartPlanner* enables teachers to easily plan classes, create and view assignments, and access all program resources in one place. Teachers can customize lessons and import their own content from outside the HMH program. ○ Digital engagement features, such as real-time chat with the teacher and classroom collaboration are included. Students can "raise a hand" within the application to ask or answer questions. Within the *HMH Player*, students can collaborate, both in and out of the classroom, with the messaging capabilities. Teachers can set up and oversee study groups, provide activities that foster synergy among students and classes, and send notifications and immediate feedback to the whole class or to individual students. ○ *Virtual Tools,* available online and offline, allow students to explore interactively and practice key math concepts and skills. ○ Students can work online or offline without missing a beat. All teacher and student work done in *HMH Player* and the Online Editions sync with the *Dashboards*. ○ The *HMH Player* was awarded Best of Show at the 2014 International Society of Technology in Education (ISTE) Conference. • *HMH Mega Math* boosts skills with exciting, leveled math adventures. ○ Provides review, practice, and application of skills and concepts ○ Fun game format ○ Instant feedback and motivating rewards • The *Personal Math Trainer* provides individualized intervention, remediation, enrichment, homework, practice, and assessment. ○ Students who use the *Personal Math Trainer* build a lifelong profile that travels with them as they progress from grade to grade and can continue to build on the individual skills they mastered from years past. ○ The *Personal Math Trainer* can automatically assign and grade students' work. ○ Teachers have access to detailed views of their students' progress, learning styles, strengths, and needs. Predictive scores are available for upcoming assessments. ○ Personalized trajectories are designed for every student to ensure the most efficient path to achieving learning goals. Targeted recommendations for other assignments are given. ○ Prescriptions are based on dynamic data and trends, not "decision tree" technology. If two students make the same mistake, they won't necessarily receive the same prescription. ○ The *Personal Math Trainer* operates with a deep pool of data and content and constantly searches for trends to provide an early warning system and predict success or difficulty. The *Personal Math*

Trainer collects and compares student data on a national level, not just the campus level. The more data gathered, the smarter the system becomes.

- *Animated Math* delivers dynamic visual representations of the content.
  - Interactive simulations and tools
  - Lesson activities and games with audio
  - Instant feedback
- *Real-World Videos* introduce lessons using math in real-world settings.
  - Helps students make authentic connections with concepts
  - Displays the use and importance of math outside of the classroom
- *iTools* are virtual online manipulatives.
  - Multiple formats and functions
  - Digitally embedded – no need to leave the **GO Math!** workpage
- *Interactive Whiteboard Lessons* are available for every lesson in **GO Math!**
  - Engaging multisensory learning experiences
  - Compatible with Promethean® and SMART® Interactive Whiteboards and other interactive surfaces or projectors
- *Math on the Spot* tutorial videos, starring program authors in Grades 3 to 6 and *Math on the Spot* puppets Joey and Jeannie in Kindergarten to Grade 2, make learning fun. These videos:
  - Walk students through solutions to selected problems in the Student Edition
  - Provide step-by-step instructions and explanations of key math concepts
  - Can be launched using QR codes in the Student Edition
- *GO Math! Daily App* for Apple and Android devices
  - Practice and assessment for all lessons in **GO Math!**
  - Helps students build fluency
  - Instant feedback, with "hints" when needed
  - Scratchpad tool for students to work out problems

Other GO Math! Materials and Resources:

- *Grab-and-Go! Differentiated Centers Kit* offer leveled activities and games that connect directly to the lessons.
- *MathBoards* and Class and Student Manipulative Kits give students tools to represent their thinking visually.
- Leveled *Math Concept Readers* (three versions of the same story -- Below-Level, On-Level, and Above-Level) present concepts in real-world scenarios and enhance understanding.
- Lessons and activities for all three tiers of RTI, as well as *Reteach* and *Enrich* lessons and activities are available in print and digitally.
- The *ELL Activity Guide* offers comprehensive support for ELLs. The language-focused activities help students access the **GO Math!** content.
- The Spanish-language **GO Math!** program includes an *English Language Activity Guide.*

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

Houghton Mifflin Harcourt is committed to partnering with Idaho's teachers and administrators in the creation of a sustaining professional development plan that begins with initial implementation and extends into long-term professional development. HMH's Implementation Directors and Professional Development Specialists will work with the curriculum leaders to determine what training and delivery options best meet administrator and teacher needs. Blending face-to-face professional development with *AskHMH*™ online advice and video-based learning, our professional development services meet the day-to-day needs of educators. Services include advanced instructional workshops, coaching and demonstration lessons, best practices using technology, and performance assessment to ensure optimal student results. Our specialized team combines in-depth subject and product knowledge with classroom experience to support educators.

HMH is a major publisher of pre-K-12 programs with vast experience in implementing programs. Our framework for effective implementation is grounded in the following beliefs:

- Administrators are instructional leaders and are critical to a successful implementation.
- Effective implementation requires careful planning and utilization of district assets in combination with Houghton Mifflin Harcourt resources.
- Initial implementation training and feedback provides equity in understanding of the program component, resources, and instructional design.
- Ongoing, needs-based professional development is a hallmark of communities of practice and districts who have succeeded in raising achievement.

HMH's professional development programs are grounded in research and classroom practice. Each program provides rich and rigorous instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Even with such extensive support, HMH recognizes that ongoing professional development is necessary to build a foundational understanding of the program and pedagogy. Our goal is to build internal capacity by supporting your teachers, coaches, and leaders to get the results your districts expect and your students deserve.

With the purchase of **GO Math!**, you will receive service entitlements that can be applied to the training courses listed below. A customized full-day training program can be designed to meet your specific professional development needs. Houghton Mifflin Harcourt's on-site professional development solutions, delivered by experienced, highly qualified Professional Development Specialists include:

GO Math! Foundations

- ***User Experience***
  Designed for teachers who are new to **GO Math!**, this three-hour training includes an overview of the program and instructional resources and provides a deeper understanding of differentiation, assessment, and technology to support successful implementation.
- ***Effective Implementations of GO Math! Technology***
  This three-hour training provides a deeper understanding of course-related technology and supports successful implementation of the program's digital components.

GO Math! Coaching and Demonstrations Lessons

Choose a full day of product coaching or demonstration lessons, and focus on deeper understanding, interpretation, and application of **GO Math!** program components. Professional Development Specialists provide immediate feedback on instructional practices, climate, delivery, and impact.

GO Math! Digital Learning Essentials (available as a blended delivery or online-facilitated delivery)

- ***Setting the State for Technology Integration***
  These sessions are designed to help educators draw research-based conclusions about students' instructional and developmental needs, understand the current level of instructional practice as measured by ISTE Standards for Teachers, and analyze and apply frameworks of instruction to support the infusion of technology into daily instruction.
- ***Creating Impactful Learning in a Blended Classroom***
  Learn how to identify and implement the four blended learning models to impact instruction, and explore solutions to support classroom management in a blended classroom; strategies for infusing Digital Literacy and Digital Citizenship into instruction; and best practices to enable home/school connection to support a blended classroom.
- ***Authentic Instruction in a Blended Classroom***
  Learn how to evaluate, choose, and practice appropriate blended learning models to support learning and creating engaging, real-world learning opportunities with digital tools.

GO Math! Instructional Practices

- ***Instructional Shifts and GO Math!***
  This three-hour workshop helps teachers make instructional shifts by creating a collaborative learning environment using **GO Math!** instructional lesson design, digital support, and print resources. Attendees will examine each shift (fluency, coherence, focus, deep understanding, dual intensity, and application) and learn how to support students in developing conceptual understanding and procedural fluency.
- ***Assessment and GO Math!***
  This three-hour workshop begins with a brief overview of the Common Core State Content and Mathematical Practice Standards within the context of the Common Core Assessments. From that lens, teachers will inventory **GO Math!** print and digital support for formative and summative assessment and learn how to best use these resources to inform instruction.
- ***GO Math! and Problem-Solving***
  This three-hour workshop focuses on best practices for approaching problem-solving with the Common Core and explores how Mathematical Practice Standards are integrated within the rigorous problem-solving approach found in **GO Math!** Attendees will participate in active problem-solving, exploring, and approaching problems from a concrete and abstract manner.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Collaborative Data Teams® for GO Math! (available as 12 contact hours of in-person delivery or 12 contact hours of online-facilitated delivery)
Participants will learn the fundamental steps of the Data Teams process, including the analysis of program embedded assessments, creation of standards-aligned short-cycle assessments, and the implementation of effective data-based collaboration—all aligned with **GO Math!** content. In addition, leaders will gain an understanding of how to implement, monitor, and support the Data Teams process within the **GO Math!** instructional program.
Authentic Performance Assessment for GO Math! (available as 18 contact hours of in-person delivery or 18 contact hours of online-facilitated delivery)
Teachers will learn to develop authentic performance tasks utilizing the **GO Math!** content and resources. Through this process, mathematics teachers will fully leverage the adopted instructional resources into consistent and highly engaging units of study.
To achieve the goals of Idaho's districts, the Houghton Mifflin Harcourt Director of Implementation and your Account Executive will work with your instructional leaders to design an effective plan of professional development.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The **GO Math!** program resides on Houghton Mifflin Harcourt's digital platform, ThinkCentral at **www-k6.thinkcentral.com**.
Cross Platform Functionality:	HMH's ThinkCentral digital platform is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32- and 64-bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to ThinkCentral may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **GO Math!** program's tools and features.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** GO Math! Premium Classroom Package with SBAC (Multi-Volume SE) (5-Year Print/5-Year Digital) Grade 2	**Copyright:** 2015 **ISBN number:** 9780544450295
Subject Area: Mathematics	**Author(s):** (this must match Submission/Bid Form & Sample) Dr. Edward B. Burger Dr. Matthew R. Larson Dr. Juli K. Dixon Steven J Leinwand Dr. Timothy D. Kanold Martha E. Sandoval-Martinez	**Grade Level:** Grade 2

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

GO Math! © 2015 for Kindergarten through Grade 6 aligns to the Idaho Core Standards and the Common Core State Standards (CCSS). Please see the correlations that accompany this proposal for complete details.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**GO Math!** for Kindergarten through Grade 6 was built from the ground up for the Common Core State Standards (CCSS). The program, available in English and Spanish, provides in-depth instruction with equal emphasis on conceptual understanding, procedural fluency, and real-world application. The program includes a fully integrated digital curriculum that transforms instruction and learning. **GO Math!** exemplifies best practices in research-based curriculum and the best of today's educational technology. Over the past five years, Houghton Mifflin Harcourt (HMH) has provided the trusted content of the **GO Math!** program to over seven million students in every state in the US and in 72 countries. **GO Math!** was selected as a finalist in the 2015 Revere Awards from the Association of American Publishers (AAP). HMH was honored to have **GO Math!** identified for its excellence as a high-quality product that supports teaching and learning. Comprehensive digital resources promote mastery and support students, teachers, administrators, and families.The next-generation digital components have been designed specifically with students and teachers in mind, with online and offline accessibility, tutorial videos, interactivities, and adaptive tools available at point-of-use. **GO Math!** teacher components present new levels of convenience and efficiency around planning, instructing, assigning, and assessing. The program provides rigor and depth with increased accessibility, with the Mathematical Practices embedded in every lesson, interactivity, research-based instructional approaches, and differentiated instructional resources to ensure success for all students. The program comes with our commitment to deliver quality implementation training that meets the needs of your district through comprehensive on-site and online support. **GO Math!** will help you meet the goals set for Idaho's students.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**GO Math!** is a comprehensive program that develops and strengthens students' mathematical knowledge and skills. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas, as they relate to students' problem-solving and reasoning. The Critical Areas of **GO Math!: Grade 2** are: • Base-Ten Notation • Addition and Subtraction • Measurement • Shapes **GO Math!** provides robust teacher support that begets effective, high-quality instruction for whole-group, small-group, and individual-level instruction and intervention. The Teacher Edition offers on-the-spot professional development and strategies that strengthen teachers' ability to engage students and provide enriching connections to mathematics while integrating the Standards for Mathematical Practices. The **GO Math!** teacher materials are

	organized and easy to use. In both print and digital formats, the Teacher Edition, ancillary materials, RTI and ELL resources, multimedia resources, assessments, and planning tools are logically organized to increase efficiency. Full support is provided for technology use and integration. The software and technology in the **GO Math!** program is described within this document.

Best Practices in Program Design:	**GO Math!** presents a balance of mathematical procedures and deeper conceptual understanding, as outlined by the Idaho Core Standards. The lesson design is based upon the 5E Model of Instruction: Engage, Explore, Explain, Elaborate, and Evaluate. This design leads students to procedural fluency and deep conceptual understanding through faded scaffolded instruction. **GO Math!** leads with conceptual investigations and tasks, followed by carefully crafted lessons that include scaffolded examples and modeling, and follows with a variety of practice formats to strengthen independent skills. **GO Math!** program's 5E Model of Instruction and concrete-pictorial-abstract lesson progression provides meaningful instruction and application. This design provides scaffolded support that, when gradually faded, results in students' ability to perform independently. Each Critical Area of **GO Math!** begins with a *Real World Project* that mixes fun and challenge while focusing on specific CCSS domains. *Real World Projects* let students explore and discover through multiple steps that stimulate critical thinking skills. Several cross-domain activities are provided for each *Real World Project*, and teachers can choose how many they want to include. There is also an option called *Extend the Project,* which transforms the *Real World Project* into a performance assessment of the CCSS Critical Area. *Project Scoring Rubrics* are included in the Teacher Edition. Preceding each chapter's lessons are activities that prepare students for the learning ahead. *Developing Math Language* introduces the lesson's vocabulary and includes a leveled ELL activity and a vocabulary strategy for students to use throughout the lesson. The *Vocabulary Builder* page gives students both review words and preview words, and the *Vocabulary Game* offers reinforcement that can be used at any point in the chapter. Before the lesson begins, the class recalls background knowledge with *Show What You Know*. Special activities for intervention groups, *Review Prerequisite Skills,* are included. Teachers begin each lesson in the *Engage* section, which integrates the *Real-World Video* (3-6), the *Essential Question* discussion, and a discovery activity. Also during the Engage section, the class completes a brief activity that links mathematics and literacy. Inquiry and discovery continue in the *Explore* section of the lesson, as students are introduced to the key points of the lesson with an interactive, highly scaffolded activity based on a real-world scenario. With these modeled, step-by-step supports, students find ways to interact with the mathematical concept while strengthening their conceptual understanding. The *Explain* section of the lesson features multiple representations of the concept and opportunities for practice. Using new academic and mathematical vocabulary, students engage in *Math Talk* and use their *Math Boards* as they expand their understanding. The Teacher Edition offers scaffolded support through features such as *Common Errors* alerts, differentiated instruction strategies and activities, and question prompts. The student text provides stepped-out models along with scaffolded problems for students to solve. *On Your Own* and *Go Deeper* problems ask students to exhibit increased independence. Students progress to the *Elaborate* section of the lesson, which requires them to solve problems, justify their thinking, and provide evidence of their reasoning with increased independence. *Think Smarter* problems stimulate higher-order thinking and incorporate specific Mathematical Practice standards. Students can view the *Math on the Spot* tutorial videos at any time for lesson-specific step-by-step instructions and explanations.

	The *Evaluate* exercises, with *Practice and Homework* pages, allow students to independently build proficiency and conceptual understanding with questions at various DOK levels. The *Essential Question Reflection* assesses students' comprehension thus far. For students needing additional support, remediation and RTI resource options are listed in the Teacher Edition throughout the lesson. Procedures and concepts are presented in real-world scenarios that stimulate students' sense- making and connections. The Teacher Edition provides instructional strategies and question prompts that guide and support students. The Student Edition includes meaningful visuals and thoughtful layouts that assist students' acquisition of knowledge and procedural skills. The **GO Math!** print and digital Student Edition feature a write-in design that allows students to immediately engage in the mathematics. Student materials and resources provide interactive experiences that enhance conceptual understanding and procedural skills. Models, questions, manipulatives, quick pictures, and symbols are used to engage students as they develop a deeper understanding of the content and increase fluency. Throughout any phase of the lesson, students can use the program's ancillary items, such as the *Leveled Math Concept Readers, Animated Math,* and *Math on the Spot* tutorial videos to enhance their understanding.

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(downloadable and printable), *Chapter Resources Books* (downloadable and printable), *Getting Ready for SBAC* (downloadable and printable), and teacher access to the Student Edition eBook and the Interactive Student Edition.

- Provides quick access to *Teacher Resource Center*, assignments, planner, reports, program resources, presentation tools, *Math on the Spot* tutorial videos, and *Professional Development Videos* featuring author Dr. Juli Dixon.
- *Interactive Whiteboard Lessons* for every **GO Math!** lesson
- *Professional Development Podcasts* about the *Essential Questions*

- **GO Math!** Student Edition eBook
  - Write-in format
  - Embedded bookmarking and note-taking
  - Clickable audio
  - Links to *Math On the Spot* tutorial videos, *Personal Math Trainer*, and *iTools*
  - Accessible on computers, tablets, and smartphones
- **GO Math!** online Interactive Student Edition is a dynamic and fun approach to learning math and includes:
  - Lively, animated instruction
  - Alternate content from the eStudent Edition
  - Delivers access to embedded media, the *Personal Math Trainer,* and videos
  - eGlossary
  - *iTools* and *Virtual Tools*
  - Online assessment, intervention, and homework and online submission
  - Accessible on computers, tablets, and smartphones
- *Student Dashboard* keeps students on track with helpful features.
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  - Eliminates the issue of losing work because activities completed on the *HMH Player* synchronize with the *Student Dashboard*
- The *HMH Player* is an online, offline, and on-the-go all-in-one classroom application for students and teachers. All program materials and lesson resources, including embedded media, interactivities, assessments, planning tools, schedules, and reports are accessed via this one app.
  - The *HMH Player App* delivers next-generation digital experience and is compatible with any Internet-enabled device, and all content can be accessed offline.
  - *mySmartPlanner* enables teachers to easily plan classes, create and view assignments, and access all program resources in one place. Teachers can customize lessons and import their own content from outside the HMH program.
  - Digital engagement features, such as real-time chat with the teacher and classroom collaboration are included. Students can “raise a hand” within the application to ask or answer questions. Within the *HMH Player*, students can collaborate, both in and out of the classroom, with the messaging capabilities. Teachers can set up and oversee study groups, provide activities that foster synergy among students and classes, and send notifications and immediate feedback to the whole class or to individual students.
  - *Virtual Tools,* available online and offline, allow students to explore interactively and practice key math concepts and skills.
  - Students can work online or offline without missing a beat. All teacher and student work done in *HMH Player* and the Online Editions sync with the *Dashboards*.
  - The *HMH Player* was awarded Best of Show at the 2014 International Society of Technology in Education (ISTE) Conference.

- *HMH Mega Math* boosts skills with exciting, leveled math adventures.
  - Provides review, practice, and application of skills and concepts
  - Fun game format
  - Instant feedback and motivating rewards
- The *Personal Math Trainer* provides individualized intervention, remediation, enrichment, homework, practice, and assessment.
  - Students who use the *Personal Math Trainer* build a lifelong profile that travels with them as they progress from grade to grade and can continue to build on the individual skills they mastered from years past.
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Other GO Math! Materials and Resources:

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Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

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HMH's professional development programs are grounded in research and classroom practice. Each program provides rich and rigorous instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Even with such extensive support, HMH recognizes that ongoing professional development is necessary to build a foundational understanding of the program and pedagogy. Our goal is to build internal capacity by supporting your teachers, coaches, and leaders to get the results your districts expect and your students deserve.

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  Designed for teachers who are new to **GO Math!**, this three-hour training includes an overview of the program and instructional resources and provides a deeper understanding of differentiation, assessment, and technology to support successful implementation.

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Choose a full day of product coaching or demonstration lessons, and focus on deeper understanding, interpretation, and application of **GO Math!** program

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  Learn how to evaluate, choose, and practice appropriate blended learning models to support learning and creating engaging, real-world learning opportunities with digital tools.

GO Math! Instructional Practices

- ***Instructional Shifts and GO Math!***
  This three-hour workshop helps teachers make instructional shifts by creating a collaborative learning environment using **GO Math!** instructional lesson design, digital support, and print resources. Attendees will examine each shift (fluency, coherence, focus, deep understanding, dual intensity, and application) and learn how to support students in developing conceptual understanding and procedural fluency.

- ***Assessment and GO Math!***
  This three-hour workshop begins with a brief overview of the Common Core State Content and Mathematical Practice Standards within the context of the Common Core Assessments. From that lens, teachers will inventory **GO Math!** print and digital support for formative and summative assessment and learn how to best use these resources to inform instruction.

- ***GO Math! and Problem-Solving***
  This three-hour workshop focuses on best practices for approaching problem-solving with the Common Core and explores how Mathematical Practice Standards are integrated within the rigorous problem-solving approach found in **GO Math!** Attendees will participate in active problem-solving, exploring, and approaching problems from a concrete and abstract manner.

Collaborative Data Teams® for GO Math! (available as 12 contact hours of in-person delivery or 12 contact hours of online-facilitated delivery)
Participants will learn the fundamental steps of the Data Teams process, including the analysis of program embedded assessments, creation of standards-aligned short-cycle assessments, and the implementation of effective data-based collaboration—all aligned with **GO Math!** content. In addition, leaders will gain an understanding of how to implement, monitor, and support the Data Teams process within the **GO Math!** instructional program.

Authentic Performance Assessment for GO Math! (available as 18 contact hours of in-person delivery or 18 contact hours of online-facilitated delivery)
Teachers will learn to develop authentic performance tasks utilizing the **GO Math!** content and resources. Through this process, mathematics teachers will fully leverage the adopted instructional resources into consistent and highly engaging units of study.

To achieve the goals of Idaho's districts, the Houghton Mifflin Harcourt Director of Implementation and your Account Executive will work with your instructional leaders to design an effective plan of professional development.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The **GO Math!** program resides on Houghton Mifflin Harcourt's digital platform, ThinkCentral at **www-k6.thinkcentral.com**.
Cross Platform Functionality:	HMH's ThinkCentral digital platform is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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	Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32- and 64-bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to ThinkCentral may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **GO Math!** program's tools and features.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** GO Math! Premium Classroom Package with SBAC (Multi-Volume SE) (5-Year Print/5-Year Digital) Grade 3	**Copyright:** 2015 **ISBN number:** 9780544450394
Subject Area: Mathematics	**Author(s):** (this must match Submission/Bid Form & Sample) Dr. Edward B. Burger Dr. Matthew R. Larson Dr. Juli K. Dixon Steven J Leinwand Dr. Timothy D. Kanold Martha E. Sandoval-Martinez	**Grade Level:** Grade 3

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

GO Math! © 2015 for Kindergarten through Grade 6 aligns to the Idaho Core Standards and the Common Core State Standards (CCSS). Please see the correlations that accompany this proposal for complete details.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**GO Math!** for Kindergarten through Grade 6 was built from the ground up for the Common Core State Standards (CCSS). The program, available in English and Spanish, provides in-depth instruction with equal emphasis on conceptual understanding, procedural fluency, and real-world application. The program includes a fully integrated digital curriculum that transforms instruction and learning. **GO Math!** exemplifies best practices in research-based curriculum and the best of today's educational technology. Over the past five years, Houghton Mifflin Harcourt (HMH) has provided the trusted content of the **GO Math!** program to over seven million students in every state in the US and in 72 countries. **GO Math!** was selected as a finalist in the 2015 Revere Awards from the Association of American Publishers (AAP). HMH was honored to have **GO Math!** identified for its excellence as a high-quality product that supports teaching and learning. Comprehensive digital resources promote mastery and support students, teachers, administrators, and families.The next-generation digital components have been designed specifically with students and teachers in mind, with online and offline accessibility, tutorial videos, interactivities, and adaptive tools available at point-of-use. **GO Math!** teacher components present new levels of convenience and efficiency around planning, instructing, assigning, and assessing. The program provides rigor and depth with increased accessibility, with the Mathematical Practices embedded in every lesson, interactivity, research-based instructional approaches, and differentiated instructional resources to ensure success for all students. The program comes with our commitment to deliver quality implementation training that meets the needs of your district through comprehensive on-site and online support. **GO Math!** will help you meet the goals set for Idaho's students.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**GO Math!** is a comprehensive program that develops and strengthens students' mathematical knowledge and skills. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas, as they relate to students' problem-solving and reasoning. The Critical Areas of **GO Math!: Grade 3** are: • Multiplication and Division • Fractions • Rectangular Arrays and Area • Two-Dimensional Shapes **GO Math!** provides robust teacher support that begets effective, high-quality instruction for whole-group, small-group, and individual-level instruction and intervention. The Teacher Edition offers on-the-spot professional development and strategies that strengthen teachers' ability to engage students and provide enriching connections to mathematics while integrating the Standards for Mathematical Practices. The **GO Math!** teacher materials are organized and easy to use. In both print and digital formats, the Teacher Edition, ancillary materials, RTI and ELL resources, multimedia resources, assessments, and planning tools are logically organized to increase efficiency. Full support is provided for technology use and integration. The software and technology in the **GO Math!** program is described within this document.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Best Practices in Program Design:	**GO Math!** presents a balance of mathematical procedures and deeper conceptual understanding, as outlined by the Idaho Core Standards. The lesson design is based upon the 5E Model of Instruction: Engage, Explore, Explain, Elaborate, and Evaluate. This design leads students to procedural fluency and deep conceptual understanding through faded scaffolded instruction. **GO Math!** leads with conceptual investigations and tasks, followed by carefully crafted lessons that include scaffolded examples and modeling, and follows with a variety of practice formats to strengthen independent skills. **GO Math!** program's 5E Model of Instruction and concrete-pictorial-abstract lesson progression provides meaningful instruction and application. This design provides scaffolded support that, when gradually faded, results in students' ability to perform independently. Each Critical Area of **GO Math!** begins with a *Real World Project* that mixes fun and challenge while focusing on specific CCSS domains. *Real World Projects* let students explore and discover through multiple steps that stimulate critical thinking skills. Several cross-domain activities are provided for each *Real World Project*, and teachers can choose how many they want to include. There is also an option called *Extend the Project,* which transforms the *Real World Project* into a performance assessment of the CCSS Critical Area. *Project Scoring Rubrics* are included in the Teacher Edition. Preceding each chapter's lessons are activities that prepare students for the learning ahead. *Developing Math Language* introduces the lesson's vocabulary and includes a leveled ELL activity and a vocabulary strategy for students to use throughout the lesson. The *Vocabulary Builder* page gives students both review words and preview words, and the *Vocabulary Game* offers reinforcement that can be used at any point in the chapter. Before the lesson begins, the class recalls background knowledge with *Show What You Know*. Special activities for intervention groups, *Review Prerequisite Skills,* are included. Teachers begin each lesson in the *Engage* section, which integrates the *Real-World Video* (3-6), the *Essential Question* discussion, and a discovery activity. Also during the Engage section, the class completes a brief activity that links mathematics and literacy. Inquiry and discovery continue in the *Explore* section of the lesson, as students are introduced to the key points of the lesson with an interactive, highly scaffolded activity based on a real-world scenario. With these modeled, step-by-step supports, students find ways to interact with the mathematical concept while strengthening their conceptual understanding. The *Explain* section of the lesson features multiple representations of the concept and opportunities for practice. Using new academic and mathematical vocabulary, students engage in *Math Talk* and use their *Math Boards* as they expand their understanding. The Teacher Edition offers scaffolded support through features such as *Common Errors* alerts, differentiated instruction strategies and activities, and question prompts. The student text provides stepped-out models along with scaffolded problems for students to solve. *On Your Own* and *Go Deeper* problems ask students to exhibit increased independence. Students progress to the *Elaborate* section of the lesson, which requires them to solve problems, justify their thinking, and provide evidence of their reasoning with increased independence. *Think Smarter+* problems stimulate higher-order thinking and incorporate specific Mathematical Practice standards. Students can view the *Math on the Spot* tutorial videos at any time for lesson-specific step-by-step instructions and explanations. The *Evaluate* exercises, with *Practice and Homework* pages, allow students to independently build proficiency and conceptual understanding with questions at various DOK levels. The *Essential Question Reflection* assesses students' comprehension thus far. For students needing additional support, remediation and RTI resource options are listed in the Teacher Edition throughout the lesson. Procedures and concepts are presented in real-world scenarios that stimulate students' sense- making and connections. The Teacher Edition provides instructional strategies and question prompts that guide and support students. The Student Edition includes meaningful visuals and thoughtful layouts that assist students' acquisition of knowledge and procedural skills. The **GO Math!** print and digital Student Edition feature a write-in design that allows students to immediately engage in the mathematics. Student materials and resources provide interactive experiences that enhance conceptual understanding and procedural skills. Models, questions, manipulatives, quick pictures, and symbols are used to engage students as they develop a deeper understanding of the content and increase fluency. Throughout any phase of the lesson, students can use the program's ancillary items, such as the *Leveled Math*

	Concept Readers, Animated Math, and *Math on the Spot* tutorial videos to enhance their understanding.

Main Components & Ancillary Items Needed for Implementation:	In addition to the print materials, **GO Math!** includes high-quality resources and technology that boost students' engagement and learning and enhance teachers' efficiency and instruction.
	GO Math! delivers multisensory instruction and multiple representations through multiple modes. Students are exposed to content in several different ways, building and extending their understanding. **GO Math!** content is presented in print and digital modes, and students experience teacher models, hands-on learning, collaborative activities, and performance-based tasks.
	GO Math! offers teachers tools that add time and efficiency to every phase — planning, instruction, assessment, and intervention. The components are user-friendly and resources are organized by chapters and lessons. Teachers and students are able to access content in print and digital formats, and the *HMH Player™ App* enables access to digital content while offline. Therefore, students are able to interact with the richness of the Interactive Student Edition and other electronic tools and resources from home and on-the-go, even if Internet access is not available. The *HMH Player* delivers **GO Math!** content with digital enhancements that provide an engaging, organized way to learn. The *HMH Player* gives direct access to texts, resources, and ancillary materials, the *Personal Math Trainer, Math on the Spot* tutorial videos, virtual manipulatives, and calculators. With its embedded features, the *HMH Player* lets students access their work and support materials easily from one app. Digital editions allow students to choose the page size, and the Interactive Student Edition includes audio text reader capability with captions.
	The *Personal Math Trainer,* powered by Knewton, provides a personalized learning path that includes individualized instruction, practice, intervention, assessment, and enrichment. It adds further support with instant feedback, step-by-step problem-solving, point-of-use learning aids, and adaptive technology that targets students' needs, including weaknesses in underlying prerequisite skills. Teachers can also assign activities and assessments to students and have the results and reports sent to the *Teacher Dashboard.*
	The **GO Math!** program is compatible with Mac iOS®, Android™, and Windows® tablets; Mac OS® and Windows® desktops and laptops; and Chromebooks™. Compatible browsers include Google Chrome™, Firefox®, Safari® (7.0 and up), Internet Explorer® (8 and up).
	• **GO Math!** Online Teacher Edition and *Teacher Dashboard*
	  ○ Online Teacher Edition (downloadable and printable full-color pages), *Teacher Resources* (downloadable and printable), *Chapter Resources Books* (downloadable and printable), *Getting Ready for SBAC* (downloadable and printable), and teacher access to the Student Edition eBook and the Interactive Student Edition
	  ○ Provides quick access to *Teacher Resource Center*, assignments, planner, reports, program resources, presentation tools, *Math on the Spot* tutorial videos, and *Professional Development Videos* featuring author Dr. Juli Dixon
	  ○ *Interactive Whiteboard Lessons* for every **GO Math!** lesson
	  ○ *Professional Development Podcasts* about the *Essential Questions*
	• **GO Math!** Student Edition eBook
	  ○ Write-in format
	  ○ Embedded bookmarking and note-taking
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	  ○ Links to *Math On the Spot* tutorial videos, *Personal Math Trainer*, and *iTools*
	  ○ Accessible on computers, tablets, and smartphones
	• **GO Math!** online Interactive Student Edition is a dynamic and fun approach to learning math and includes:
	  ○ Lively, animated instruction
	  ○ Alternate content from the eStudent Edition
	  ○ Delivers access to embedded media, the *Personal Math Trainer,* and videos
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GO Math! Instructional Practices

- ***Instructional Shifts and GO Math!***
  This three-hour workshop helps teachers make instructional shifts by creating a collaborative learning environment using **GO Math!** instructional lesson design, digital support, and print resources. Attendees will examine each shift (fluency, coherence, focus, deep understanding, dual intensity, and application) and learn how to support students in developing conceptual understanding and procedural fluency.
- ***Assessment and GO Math!***
  This three-hour workshop begins with a brief overview of the Common Core State Content and Mathematical Practice Standards within the context of the Common Core Assessments. From that lens, teachers will inventory **GO Math!** print and digital support for formative and summative assessment and learn how to best use these resources to inform instruction.
- ***GO Math! and Problem-Solving***
  This three-hour workshop focuses on best practices for approaching problem-solving with the Common Core and explores how Mathematical Practice Standards are integrated within the rigorous problem-solving approach found in **GO Math!** Attendees will participate in active problem-solving, exploring, and approaching problems from a concrete and abstract manner.

Collaborative Data Teams® for GO Math! (available as 12 contact hours of in-person delivery or 12 contact hours of online-facilitated delivery)

Participants will learn the fundamental steps of the Data Teams process, including the analysis of program embedded assessments, creation of standards-aligned short-cycle assessments, and the implementation of effective data-based collaboration—all aligned with **GO Math!** content. In addition, leaders will gain

an understanding of how to implement, monitor, and support the Data Teams process within the **GO Math!** instructional program.

Authentic Performance Assessment for GO Math! (available as 18 contact hours of in-person delivery or 18 contact hours of online-facilitated delivery)

Teachers will learn to develop authentic performance tasks utilizing the **GO Math!** content and resources. Through this process, mathematics teachers will fully leverage the adopted instructional resources into consistent and highly engaging units of study.

To achieve the goals of Idaho's districts, the Houghton Mifflin Harcourt Director of Implementation and your Account Executive will work with your instructional leaders to design an effective plan of professional development.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The **GO Math!** program resides on Houghton Mifflin Harcourt's digital platform, ThinkCentral at **www-k6.thinkcentral.com**.
Cross Platform Functionality:	HMH's ThinkCentral digital platform is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32- and 64-bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to ThinkCentral may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **GO Math!** program's tools and features.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** GO Math! Premium Classroom Package with SBAC (Multi-Volume SE) (5-Year Print/5-Year Digital) Grade 4	**Copyright:** 2015 **ISBN number:** 9780544450493
Subject Area: Mathematics	**Author(s):** (this must match Submission/Bid Form & Sample) Dr. Edward B. Burger Dr. Matthew R. Larson Dr. Juli K. Dixon Steven J Leinwand Dr. Timothy D. Kanold Martha E. Sandoval-Martinez	**Grade Level:** Grade 4

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

GO Math! © 2015 for Kindergarten through Grade 6 aligns to the Idaho Core Standards and the Common Core State Standards (CCSS). Please see the correlations that accompany this proposal for complete details.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**GO Math!** for Kindergarten through Grade 6 was built from the ground up for the Common Core State Standards (CCSS). The program, available in English and Spanish, provides in-depth instruction with equal emphasis on conceptual understanding, procedural fluency, and real-world application. The program includes a fully integrated digital curriculum that transforms instruction and learning. **GO Math!** exemplifies best practices in research-based curriculum and the best of today's educational technology. Over the past five years, Houghton Mifflin Harcourt (HMH) has provided the trusted content of the **GO Math!** program to over seven million students in every state in the US and in 72 countries. **GO Math!** was selected as a finalist in the 2015 Revere Awards from the Association of American Publishers (AAP). HMH was honored to have **GO Math!** ideuintified for its excellence as a high-quality product that supports teaching and learning. Comprehensive digital resources promote mastery and support students, teachers, administrators, and families.The next-generation digital components have been designed specifically with students and teachers in mind, with online and offline accessibility, tutorial videos, interactivities, and adaptive tools available at point-of-use. **GO Math!** teacher components present new levels of convenience and efficiency around planning, instructing, assigning, and assessing. The program provides rigor and depth with increased accessibility, with the Mathematical Practices embedded in every lesson, interactivity, research-based instructional approaches, and differentiated instructional resources to ensure success for all students. The program comes with our commitment to deliver quality implementation training that meets the needs of your district through comprehensive on-site and online support. **GO Math!** will help you meet the goals set for Idaho's students.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**GO Math!** is a comprehensive program that develops and strengthens students' mathematical knowledge and skills. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas, as they relate to students' problem-solving and reasoning. The Critical Areas of **GO Math!: Grade 4** are: • Multi-Digit Multiplication and Division • Fractions • Geometric Figures **GO Math!** provides robust teacher support that begets effective, high-quality instruction for whole-group, small-group, and individual-level instruction and intervention. The Teacher Edition offers on-the-spot professional development and strategies that strengthen teachers' ability to engage students and provide enriching connections to mathematics while integrating the Standards for Mathematical Practices. The **GO Math!** teacher materials are organized and easy to use. In both print and digital formats, the Teacher Edition, ancillary materials, RTI and ELL resources, multimedia resources, assessments, and planning tools are logically organized to increase efficiency. Full support is provided for technology use and integration. The software and technology in the **GO Math!** program is described within this document.

Best Practices in Program Design:	**GO Math!** presents a balance of mathematical procedures and deeper conceptual understanding, as outlined by the Idaho Core Standards. The lesson design is based upon the 5E Model of Instruction: Engage, Explore, Explain,

	Elaborate, and Evaluate. This design leads students to procedural fluency and deep conceptual understanding through faded scaffolded instruction. **GO Math!** leads with conceptual investigations and tasks, followed by carefully crafted lessons that include scaffolded examples and modeling, and follows with a variety of practice formats to strengthen independent skills. **GO Math!** program's 5E Model of Instruction and concrete-pictorial-abstract lesson progression provides meaningful instruction and application. This design provides scaffolded support that, when gradually faded, results in students' ability to perform independently. Each Critical Area of **GO Math!** begins with a *Real World Project* that mixes fun and challenge while focusing on specific CCSS domains. *Real World Projects* let students explore and discover through multiple steps that stimulate critical thinking skills. Several cross-domain activities are provided for each *Real World Project*, and teachers can choose how many they want to include. There is also an option called *Extend the Project,* which transforms the *Real World Project* into a performance assessment of the CCSS Critical Area. *Project Scoring Rubrics* are included in the Teacher Edition. Preceding each chapter's lessons are activities that prepare students for the learning ahead. *Developing Math Language* introduces the lesson's vocabulary and includes a leveled ELL activity and a vocabulary strategy for students to use throughout the lesson. The *Vocabulary Builder* page gives students both review words and preview words, and the *Vocabulary Game* offers reinforcement that can be used at any point in the chapter. Before the lesson begins, the class recalls background knowledge with *Show What You Know*. Special activities for intervention groups, *Review Prerequisite Skills,* are included. Teachers begin each lesson in the *Engage* section, which integrates the *Real-World Video* (3-6), the *Essential Question* discussion, and a discovery activity. Also during the Engage section, the class completes a brief activity that links mathematics and literacy. Inquiry and discovery continue in the *Explore* section of the lesson, as students are introduced to the key points of the lesson with an interactive, highly scaffolded activity based on a real-world scenario. With these modeled, step-by-step supports, students find ways to interact with the mathematical concept while strengthening their conceptual understanding. The *Explain* section of the lesson features multiple representations of the concept and opportunities for practice. Using new academic and mathematical vocabulary, students engage in *Math Talk* and use their *Math Boards* as they expand their understanding. The Teacher Edition offers scaffolded support through features such as *Common Errors* alerts, differentiated instruction strategies and activities, and question prompts. The student text provides stepped-out models along with scaffolded problems for students to solve. *On Your Own* and *Go Deeper* problems ask students to exhibit increased independence. Students progress to the *Elaborate* section of the lesson, which requires them to solve problems, justify their thinking, and provide evidence of their reasoning with increased independence. *Think Smarter+* problems stimulate higher-order thinking and incorporate specific Mathematical Practice standards. Students can view the *Math on the Spot* tutorial videos at any time for lesson-specific step-by-step instructions and explanations. The *Evaluate* exercises, with *Practice and Homework* pages, allow students to independently build proficiency and conceptual understanding with questions at various DOK levels. The *Essential Question Reflection* assesses students' comprehension thus far. For students needing additional support, remediation and RTI resource options are listed in the Teacher Edition throughout the lesson. Procedures and concepts are presented in real-world scenarios that stimulate students' sense-making and connections. The Teacher Edition provides instructional strategies and question prompts that guide and support students. The Student Edition includes meaningful visuals and thoughtful layouts that assist students' acquisition of knowledge and procedural skills. The **GO Math!** print and digital Student Edition feature a write-in design that allows students to immediately engage in the mathematics. Student materials and resources provide interactive experiences that enhance conceptual understanding and procedural skills. Models, questions, manipulatives, quick pictures, and symbols are used to engage students as they develop a deeper understanding of the content and increase fluency. Throughout any phase of the lesson, students can use the program's ancillary items, such as the *Leveled Math Concept Readers, Animated Math,* and *Math on the Spot* tutorial videos to enhance their understanding.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Main Components & Ancillary Items Needed for Implementation:	In addition to the print materials, **GO Math!** includes high-quality resources and technology that boost students' engagement and learning and enhance teachers' efficiency and instruction.
	GO Math! delivers multisensory instruction and multiple representations through multiple modes. Students are exposed to content in several different ways, building and extending their understanding. **GO Math!** content is presented in print and digital modes, and students experience teacher models, hands-on learning, collaborative activities, and performance-based tasks.
	GO Math! offers teachers tools that add time and efficiency to every phase — planning, instruction, assessment, and intervention. The components are user-friendly and resources are organized by chapters and lessons. Teachers and students are able to access content in print and digital formats, and the *HMH Player™ App* enables access to digital content while offline. Therefore, students are able to interact with the richness of the Interactive Student Edition and other electronic tools and resources from home and on-the-go, even if Internet access is not available. The *HMH Player* delivers **GO Math!** content with digital enhancements that provide an engaging, organized way to learn. The *HMH Player* gives direct access to texts, resources, and ancillary materials, the *Personal Math Trainer, Math on the Spot* tutorial videos, virtual manipulatives, and calculators. With its embedded features, the *HMH Player* lets students access their work and support materials easily from one app. Digital editions allow students to choose the page size, and the Interactive Student Edition includes audio text reader capability with captions.
	The *Personal Math Trainer,* powered by Knewton, provides a personalized learning path that includes individualized instruction, practice, intervention, assessment, and enrichment. It adds further support with instant feedback, step-by-step problem-solving, point-of-use learning aids, and adaptive technology that targets students' needs, including weaknesses in underlying prerequisite skills. Teachers can also assign activities and assessments to students and have the results and reports sent to the *Teacher Dashboard.*
	The **GO Math!** program is compatible with Mac iOS®, Android™, and Windows® tablets; Mac OS® and Windows® desktops and laptops; and Chromebooks™. Compatible browsers include Google Chrome™, Firefox®, Safari® (7.0 and up), Internet Explorer® (8 and up).
	• **GO Math!** Online Teacher Edition and *Teacher Dashboard*
	  ○ Online Teacher Edition (downloadable and printable full-color pages), *Teacher Resources* (downloadable and printable), *Chapter Resources Books* (downloadable and printable), *Getting Ready for SBAC* (downloadable and printable), and teacher access to the Student Edition eBook and the Interactive Student Edition.
	  ○ Provides quick access to *Teacher Resource Center*, assignments, planner, reports, program resources, presentation tools, *Math on the Spot* tutorial videos, and *Professional Development Videos* featuring author Dr. Juli Dixon
	  ○ *Interactive Whiteboard Lessons* for every **GO Math!** Lesson.
	  ○ *Professional Development Podcasts* about the *Essential Questions*
	• **GO Math!** Student Edition eBook
	  ○ Write-in format
	  ○ Embedded bookmarking and note-taking
	  ○ Clickable audio
	  ○ Links to *Math On the Spot* tutorial videos, *Personal Math Trainer*, and *iTools*
	  ○ Accessible on computers, tablets, and smartphones
	• **GO Math!** online Interactive Student Edition is a dynamic and fun approach to learning math and includes:
	  ○ Lively, animated instruction
	  ○ Alternate content from the eStudent Edition
	  ○ Delivers access to embedded media, the *Personal Math Trainer,* and videos
	  ○ eGlossary
	  ○ *iTools* and *Virtual Tools*
	  ○ Online assessment, intervention, and homework and online submission
	  ○ Accessible on computers, tablets, and smartphones

	• *Student Dashboard* keeps students on track with helpful features. ○ *Things to Do* (calendar) ○ *My Library* ○ *My Score* ○ Eliminates the issue of losing work because activities completed on the *HMH Player* synchronize with the *Student Dashboard* • The *HMH Player* is an online, offline, and on-the-go all-in-one classroom application for students and teachers. All program materials and lesson resources, including embedded media, interactivities, assessments, planning tools, schedules, and reports are accessed via this one app. ○ The *HMH Player App* delivers next-generation digital experience and is compatible with any Internet-enabled device, and all content can be accessed offline. ○ *mySmartPlanner* enables teachers to easily plan classes, create and view assignments, and access all program resources in one place. Teachers can customize lessons and import their own content from outside the HMH program. ○ Digital engagement features, such as real-time chat with the teacher and classroom collaboration are included. Students can "raise a hand" within the application to ask or answer questions. Within the *HMH Player*, students can collaborate, both in and out of the classroom, with the messaging capabilities. Teachers can set up and oversee study groups, provide activities that foster synergy among students and classes, and send notifications and immediate feedback to the whole class or to individual students. ○ *Virtual Tools,* available online and offline, allow students to explore interactively and practice key math concepts and skills. ○ Students can work online or offline without missing a beat. All teacher and student work done in *HMH Player* and the Online Editions sync with the *Dashboards*. ○ The *HMH Player* was awarded Best of Show at the 2014 International Society of Technology in Education (ISTE) Conference. • *HMH Mega Math* boosts skills with exciting, leveled math adventures. ○ Provides review, practice, and application of skills and concepts ○ Fun game format ○ Instant feedback and motivating rewards • The *Personal Math Trainer* provides individualized intervention, remediation, enrichment, homework, practice, and assessment. ○ Students who use the *Personal Math Trainer* build a lifelong profile that travels with them as they progress from grade to grade and can continue to build on the individual skills they mastered from years past. ○ The *Personal Math Trainer* can automatically assign and grade students' work. ○ Teachers have access to detailed views of their students' progress, learning styles, strengths, and needs. Predictive scores are available for upcoming assessments. ○ Personalized trajectories are designed for every student to ensure the most efficient path to achieving learning goals. Targeted recommendations for other assignments are given. ○ Prescriptions are based on dynamic data and trends, not "decision tree" technology. If two students make the same mistake, they won't necessarily receive the same prescription. ○ The *Personal Math Trainer* operates with a deep pool of data and content and constantly searches for trends to provide an early warning system and predict success or difficulty. The *Personal Math Trainer* collects and compares student data on a national level, not just the campus level. The more data gathered, the smarter the system becomes. • *Animated Math* delivers dynamic visual representations of the content. ○ Interactive simulations and tools

- Lesson activities and games with audio
- Instant feedback

- *Real-World Videos* introduce lessons using math in real-world settings.
  - Helps students make authentic connections with concepts
  - Displays the use and importance of math outside of the classroom
- *iTools* are virtual online manipulatives.
  - Multiple formats and functions
  - Digitally embedded – no need to leave the **GO Math!** workpage
- *Interactive Whiteboard Lessons* are available for every lesson in **GO Math!**
  - Engaging multisensory learning experiences
  - Compatible with Promethean® and SMART® Interactive Whiteboards and other interactive surfaces or projectors
- *Math on the Spot* tutorial videos, starring program authors in Grades 3 to 6 and *Math on the Spot* puppets Joey and Jeannie in Kindergarten to Grade 2, make learning fun. These videos:
  - Walk students through solutions to selected problems in the Student Edition
  - Provide step-by-step instructions and explanations of key math concepts
  - Can be launched using QR codes in the Student Edition
- *GO Math! Daily App* for Apple and Android devices
  - Practice and assessment for all lessons in **GO Math!**
  - Helps students build fluency
  - Instant feedback, with "hints" when needed
  - Scratchpad tool for students to work out problems

Other GO Math! Materials and Resources:

- *Grab-and-Go! Differentiated Centers Kit* offer leveled activities and games that connect directly to the lessons.
- *MathBoards* and Class and Student Manipulative Kits give students tools to represent their thinking visually.
- Leveled *Math Concept Readers* (three versions of the same story -- Below-Level, On-Level, and Above-Level) present concepts in real-world scenarios and enhance understanding.
- Lessons and activities for all three tiers of RTI, as well as *Reteach* and *Enrich* lessons and activities are available in print and digitally.
- The *ELL Activity Guide* offers comprehensive support for ELLs. The language-focused activities help students access the **GO Math!** content.
- The Spanish-language **GO Math!** program includes an *English Language Activity Guide.*

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

Houghton Mifflin Harcourt is committed to partnering with Idaho's teachers and administrators in the creation of a sustaining professional development plan that begins with initial implementation and extends into long-term professional development. HMH's Implementation Directors and Professional Development Specialists will work with the curriculum leaders to determine what training and delivery options best meet administrator and teacher needs. Blending face-to-face professional development with *AskHMH*™ online advice and video-based learning, our professional development services meet the day-to-day needs of educators. Services include advanced instructional workshops, coaching and demonstration lessons, best practices using technology, and performance assessment to ensure optimal student results. Our specialized team combines in-depth subject and product knowledge with classroom experience to support educators.

HMH is a major publisher of pre-K-12 programs with vast experience in implementing programs. Our framework for effective implementation is grounded in the following beliefs:

- Administrators are instructional leaders and are critical to a successful implementation.
- Effective implementation requires careful planning and utilization of district assets in combination with Houghton Mifflin Harcourt resources.

- Initial implementation training and feedback provides equity in understanding of the program component, resources, and instructional design.
- Ongoing, needs-based professional development is a hallmark of communities of practice and districts who have succeeded in raising achievement.

HMH's professional development programs are grounded in research and classroom practice. Each program provides rich and rigorous instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Even with such extensive support, HMH recognizes that ongoing professional development is necessary to build a foundational understanding of the program and pedagogy. Our goal is to build internal capacity by supporting your teachers, coaches, and leaders to get the results your districts expect and your students deserve.

With the purchase of **GO Math!**, you will receive service entitlements that can be applied to the training courses listed below. A customized full-day training program can be designed to meet your specific professional development needs. Houghton Mifflin Harcourt's on-site professional development solutions, delivered by experienced, highly qualified Professional Development Specialists include:

GO Math! Foundations

- ***User Experience***
  Designed for teachers who are new to **GO Math!**, this three-hour training includes an overview of the program and instructional resources and provides a deeper understanding of differentiation, assessment, and technology to support successful implementation.
- ***Effective Implementations of GO Math! Technology***
  This three-hour training provides a deeper understanding of course-related technology and supports successful implementation of the program's digital components.

GO Math! Coaching and Demonstrations Lessons

Choose a full day of product coaching or demonstration lessons, and focus on deeper understanding, interpretation, and application of **GO Math!** program components. Professional Development Specialists provide immediate feedback on instructional practices, climate, delivery, and impact.

GO Math! Digital Learning Essentials (available as a blended delivery or online-facilitated delivery)

- ***Setting the State for Technology Integration***
  These sessions are designed to help educators draw research-based conclusions about students' instructional and developmental needs, understand the current level of instructional practice as measured by ISTE Standards for Teachers, and analyze and apply frameworks of instruction to support the infusion of technology into daily instruction.
- ***Creating Impactful Learning in a Blended Classroom***
  Learn how to identify and implement the four blended learning models to impact instruction, and explore solutions to support classroom management in a blended classroom; strategies for infusing Digital Literacy and Digital Citizenship into instruction; and best practices to enable home/school connection to support a blended classroom.
- ***Authentic Instruction in a Blended Classroom***
  Learn how to evaluate, choose, and practice appropriate blended learning models to support learning and creating engaging, real-world learning opportunities with digital tools.

GO Math! Instructional Practices

- ***Instructional Shifts and GO Math!***
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Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32- and 64-bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
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	Elaborate, and Evaluate. This design leads students to procedural fluency and deep conceptual understanding through faded scaffolded instruction. **GO Math!** leads with conceptual investigations and tasks, followed by carefully crafted lessons that include scaffolded examples and modeling, and follows with a variety of practice formats to strengthen independent skills. **GO Math!** program's 5E Model of Instruction and concrete-pictorial-abstract lesson progression provides meaningful instruction and application. This design provides scaffolded support that, when gradually faded, results in students' ability to perform independently. Each Critical Area of **GO Math!** begins with a *Real World Project* that mixes fun and challenge while focusing on specific CCSS domains. *Real World Projects* let students explore and discover through multiple steps that stimulate critical thinking skills. Several cross-domain activities are provided for each *Real World Project*, and teachers can choose how many they want to include. There is also an option called *Extend the Project,* which transforms the *Real World Project* into a performance assessment of the CCSS Critical Area. *Project Scoring Rubrics* are included in the Teacher Edition. Preceding each chapter's lessons are activities that prepare students for the learning ahead. *Developing Math Language* introduces the lesson's vocabulary and includes a leveled ELL activity and a vocabulary strategy for students to use throughout the lesson. The *Vocabulary Builder* page gives students both review words and preview words, and the *Vocabulary Game* offers reinforcement that can be used at any point in the chapter. Before the lesson begins, the class recalls background knowledge with *Show What You Know*. Special activities for intervention groups, *Review Prerequisite Skills,* are included. Teachers begin each lesson in the *Engage* section, which integrates the *Real-World Video* (3-6), the *Essential Question* discussion, and a discovery activity. Also during the Engage section, the class completes a brief activity that links mathematics and literacy. Inquiry and discovery continue in the *Explore* section of the lesson, as students are introduced to the key points of the lesson with an interactive, highly scaffolded activity based on a real-world scenario. With these modeled, step-by-step supports, students find ways to interact with the mathematical concept while strengthening their conceptual understanding. The *Explain* section of the lesson features multiple representations of the concept and opportunities for practice. Using new academic and mathematical vocabulary, students engage in *Math Talk* and use their *Math Boards* as they expand their understanding. The Teacher Edition offers scaffolded support through features such as *Common Errors* alerts, differentiated instruction strategies and activities, and question prompts. The student text provides stepped-out models along with scaffolded problems for students to solve. *On Your Own* and *Go Deeper* problems ask students to exhibit increased independence. Students progress to the *Elaborate* section of the lesson, which requires them to solve problems, justify their thinking, and provide evidence of their reasoning with increased independence. *Think Smarter+* problems stimulate higher-order thinking and incorporate specific Mathematical Practice standards. Students can view the *Math on the Spot* tutorial videos at any time for lesson-specific step-by-step instructions and explanations. The *Evaluate* exercises, with *Practice and Homework* pages, allow students to independently build proficiency and conceptual understanding with questions at various DOK levels. The *Essential Question Reflection* assesses students' comprehension thus far. For students needing additional support, remediation and RTI resource options are listed in the Teacher Edition throughout the lesson. Procedures and concepts are presented in real-world scenarios that stimulate students' sense- making and connections. The Teacher Edition provides instructional strategies and question prompts that guide and support students. The Student Edition includes meaningful visuals and thoughtful layouts that assist students' acquisition of knowledge and procedural skills. The **GO Math!** print and digital Student Edition feature a write-in design that allows students to immediately engage in the mathematics. Student materials and resources provide interactive experiences that enhance conceptual understanding and procedural skills. Models, questions, manipulatives, quick pictures, and symbols are used to engage students as they develop a deeper understanding of the content and increase fluency. Throughout any phase of the lesson, students can use the program's ancillary items, such as the *Leveled Math Concept Readers, Animated Math,* and *Math on the Spot* tutorial videos to enhance their understanding.

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Main Components & Ancillary Items Needed for Implementation:	In addition to the print materials, **GO Math!** includes high-quality resources and technology that boost students' engagement and learning and enhance teachers' efficiency and instruction.
	GO Math! delivers multisensory instruction and multiple representations through multiple modes. Students are exposed to content in several different ways, building and extending their understanding. **GO Math!** content is presented in print and digital modes, and students experience teacher models, hands-on learning, collaborative activities, and performance-based tasks.
	GO Math! offers teachers tools that add time and efficiency to every phase — planning, instruction, assessment, and intervention. The components are user-friendly and resources are organized by chapters and lessons. Teachers and students are able to access content in print and digital formats, and the *HMH Player™ App* enables access to digital content while offline. Therefore, students are able to interact with the richness of the Interactive Student Edition and other electronic tools and resources from home and on-the-go, even if Internet access is not available. The *HMH Player* delivers **GO Math!** content with digital enhancements that provide an engaging, organized way to learn. The *HMH Player* gives direct access to texts, resources, and ancillary materials, the *Personal Math Trainer, Math on the Spot* tutorial videos, virtual manipulatives, and calculators. With its embedded features, the *HMH Player* lets students access their work and support materials easily from one app. Digital editions allow students to choose the page size, and the Interactive Student Edition includes audio text reader capability with captions.
	The *Personal Math Trainer,* powered by Knewton, provides a personalized learning path that includes individualized instruction, practice, intervention, assessment, and enrichment. It adds further support with instant feedback, step-by-step problem-solving, point-of-use learning aids, and adaptive technology that targets students' needs, including weaknesses in underlying prerequisite skills. Teachers can also assign activities and assessments to students and have the results and reports sent to the *Teacher Dashboard.*
	The **GO Math!** program is compatible with Mac iOS®, Android™, and Windows® tablets; Mac OS® and Windows® desktops and laptops; and Chromebooks™. Compatible browsers include Google Chrome™, Firefox®, Safari® (7.0 and up), Internet Explorer® (8 and up).
	• **GO Math!** Online Teacher Edition and *Teacher Dashboard*
	  ○ Online Teacher Edition (downloadable and printable full-color pages), *Teacher Resources* (downloadable and printable), *Chapter Resources Books* (downloadable and printable), *Getting Ready for SBAC* (downloadable and printable), and teacher access to the Student Edition eBook and the Interactive Student Edition.
	  ○ Provides quick access to *Teacher Resource Center*, assignments, planner, reports, program resources, presentation tools, *Math on the Spot* tutorial videos, and *Professional Development Videos* featuring author Dr. Juli Dixon.
	  ○ *Interactive Whiteboard Lessons* for every **GO Math!** lesson
	  ○ *Professional Development Podcasts* about the *Essential Questions*
	• **GO Math!** Student Edition eBook
	  ○ Write-in format
	  ○ Embedded bookmarking and note-taking
	  ○ Clickable audio
	  ○ Links to *Math On the Spot* tutorial videos, *Personal Math Trainer*, and *iTools*
	  ○ Accessible on computers, tablets, and smartphones
	• **GO Math!** online Interactive Student Edition is a dynamic and fun approach to learning math and includes:
	  ○ Lively, animated instruction
	  ○ Alternate content from the eStudent Edition
	  ○ Delivers access to embedded media, the *Personal Math Trainer,* and videos
	  ○ eGlossary
	  ○ *iTools* and *Virtual Tools*
	  ○ Online assessment, intervention, and homework and online submission
	  ○ Accessible on computers, tablets, and smartphones

	• *Student Dashboard* keeps students on track with helpful features. ○ *Things to Do* (calendar) ○ *My Library* ○ *My Score* ○ Eliminates the issue of losing work because activities completed on the *HMH Player* synchronize with the *Student Dashboard* • The *HMH Player* is an online, offline, and on-the-go all-in-one classroom application for students and teachers. All program materials and lesson resources, including embedded media, interactivities, assessments, planning tools, schedules, and reports are accessed via this one app. ○ The *HMH Player App* delivers next-generation digital experience and is compatible with any Internet-enabled device, and all content can be accessed offline. ○ *mySmartPlanner* enables teachers to easily plan classes, create and view assignments, and access all program resources in one place. Teachers can customize lessons and import their own content from outside the HMH program. ○ Digital engagement features, such as real-time chat with the teacher and classroom collaboration are included. Students can "raise a hand" within the application to ask or answer questions. Within the *HMH Player*, students can collaborate, both in and out of the classroom, with the messaging capabilities. Teachers can set up and oversee study groups, provide activities that foster synergy among students and classes, and send notifications and immediate feedback to the whole class or to individual students. ○ *Virtual Tools,* available online and offline, allow students to explore interactively and practice key math concepts and skills. ○ Students can work online or offline without missing a beat. All teacher and student work done in *HMH Player* and the Online Editions sync with the *Dashboards*. ○ The *HMH Player* was awarded Best of Show at the 2014 International Society of Technology in Education (ISTE) Conference. • *HMH Mega Math* boosts skills with exciting, leveled math adventures. ○ Provides review, practice, and application of skills and concepts ○ Fun game format ○ Instant feedback and motivating rewards • The *Personal Math Trainer* provides individualized intervention, remediation, enrichment, homework, practice, and assessment. ○ Students who use the *Personal Math Trainer* build a lifelong profile that travels with them as they progress from grade to grade and can continue to build on the individual skills they mastered from years past. ○ The *Personal Math Trainer* can automatically assign and grade students' work. ○ Teachers have access to detailed views of their students' progress, learning styles, strengths, and needs. Predictive scores are available for upcoming assessments. ○ Personalized trajectories are designed for every student to ensure the most efficient path to achieving learning goals. Targeted recommendations for other assignments are given. ○ Prescriptions are based on dynamic data and trends, not "decision tree" technology. If two students make the same mistake, they won't necessarily receive the same prescription. ○ The *Personal Math Trainer* operates with a deep pool of data and content and constantly searches for trends to provide an early warning system and predict success or difficulty. The *Personal Math Trainer* collects and compares student data on a national level, not just the campus level. The more data gathered, the smarter the system becomes. • *Animated Math* delivers dynamic visual representations of the content. ○ Interactive simulations and tools

- Lesson activities and games with audio
- Instant feedback

- *Real-World Videos* introduce lessons using math in real-world settings.
  - Helps students make authentic connections with concepts
  - Displays the use and importance of math outside of the classroom
- *iTools* are virtual online manipulatives.
  - Multiple formats and functions
  - Digitally embedded – no need to leave the **GO Math!** workpage
- *Interactive Whiteboard Lessons* are available for every lesson in **GO Math!**
  - Engaging multisensory learning experiences
  - Compatible with Promethean® and SMART® Interactive Whiteboards and other interactive surfaces or projectors
- *Math on the Spot* tutorial videos, starring program authors in Grades 3 to 6 and *Math on the Spot* puppets Joey and Jeannie in Kindergarten to Grade 2, make learning fun. These videos:
  - Walk students through solutions to selected problems in the Student Edition
  - Provide step-by-step instructions and explanations of key math concepts
  - Can be launched using QR codes in the Student Edition
- *GO Math! Daily App* for Apple and Android devices
  - Practice and assessment for all lessons in **GO Math!**
  - Helps students build fluency
  - Instant feedback, with "hints" when needed
  - Scratchpad tool for students to work out problems

Other GO Math! Materials and Resources:

- *Grab-and-Go! Differentiated Centers Kit* offer leveled activities and games that connect directly to the lessons.
- *MathBoards* and Class and Student Manipulative Kits give students tools to represent their thinking visually.
- Leveled *Math Concept Readers* (three versions of the same story -- Below-Level, On-Level, and Above-Level) present concepts in real-world scenarios and enhance understanding.
- Lessons and activities for all three tiers of RTI, as well as *Reteach* and *Enrich* lessons and activities are available in print and digitally.
- The *ELL Activity Guide* offers comprehensive support for ELLs. The language-focused activities help students access the **GO Math!** content.
- The Spanish-language **GO Math!** program includes an *English Language Activity Guide.*

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

Houghton Mifflin Harcourt is committed to partnering with Idaho's teachers and administrators in the creation of a sustaining professional development plan that begins with initial implementation and extends into long-term professional development. HMH's Implementation Directors and Professional Development Specialists will work with the curriculum leaders to determine what training and delivery options best meet administrator and teacher needs. Blending face-to-face professional development with *AskHMH*™ online advice and video-based learning, our professional development services meet the day-to-day needs of educators. Services include advanced instructional workshops, coaching and demonstration lessons, best practices using technology, and performance assessment to ensure optimal student results. Our specialized team combines in-depth subject and product knowledge with classroom experience to support educators.

HMH is a major publisher of pre-K-12 programs with vast experience in implementing programs. Our framework for effective implementation is grounded in the following beliefs:

- Administrators are instructional leaders and are critical to a successful implementation.
- Effective implementation requires careful planning and utilization of district assets in combination with Houghton Mifflin Harcourt resources.

- Initial implementation training and feedback provides equity in understanding of the program component, resources, and instructional design.
- Ongoing, needs-based professional development is a hallmark of communities of practice and districts who have succeeded in raising achievement.

HMH's professional development programs are grounded in research and classroom practice. Each program provides rich and rigorous instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Even with such extensive support, HMH recognizes that ongoing professional development is necessary to build a foundational understanding of the program and pedagogy. Our goal is to build internal capacity by supporting your teachers, coaches, and leaders to get the results your districts expect and your students deserve.

With the purchase of **GO Math!**, you will receive service entitlements that can be applied to the training courses listed below. A customized full-day training program can be designed to meet your specific professional development needs. Houghton Mifflin Harcourt's on-site professional development solutions, delivered by experienced, highly qualified Professional Development Specialists include:

GO Math! Foundations

- ***User Experience***
  Designed for teachers who are new to **GO Math!**, this three-hour training includes an overview of the program and instructional resources and provides a deeper understanding of differentiation, assessment, and technology to support successful implementation.
- ***Effective Implementations of GO Math! Technology***
  This three-hour training provides a deeper understanding of course-related technology and supports successful implementation of the program's digital components.

GO Math! Coaching and Demonstrations Lessons

Choose a full day of product coaching or demonstration lessons, and focus on deeper understanding, interpretation, and application of **GO Math!** program components. Professional Development Specialists provide immediate feedback on instructional practices, climate, delivery, and impact.

GO Math! Digital Learning Essentials (available as a blended delivery or online-facilitated delivery)

- ***Setting the State for Technology Integration***
  These sessions are designed to help educators draw research-based conclusions about students' instructional and developmental needs, understand the current level of instructional practice as measured by ISTE Standards for Teachers, and analyze and apply frameworks of instruction to support the infusion of technology into daily instruction.
- ***Creating Impactful Learning in a Blended Classroom***
  Learn how to identify and implement the four blended learning models to impact instruction, and explore solutions to support classroom management in a blended classroom; strategies for infusing Digital Literacy and Digital Citizenship into instruction; and best practices to enable home/school connection to support a blended classroom.
- ***Authentic Instruction in a Blended Classroom***
  Learn how to evaluate, choose, and practice appropriate blended learning models to support learning and creating engaging, real-world learning opportunities with digital tools.

GO Math! Instructional Practices

- ***Instructional Shifts and GO Math!***
  This three-hour workshop helps teachers make instructional shifts by creating a collaborative learning environment using **GO Math!** instructional lesson design, digital support, and print resources. Attendees will examine each shift (fluency, coherence, focus, deep understanding, dual intensity, and application) and learn how to support students in developing conceptual understanding and procedural fluency.
- ***Assessment and GO Math!***
  This three-hour workshop begins with a brief overview of the Common Core State Content and Mathematical Practice Standards within the context of the Common Core Assessments. From that lens, teachers will inventory **GO Math!** print and digital support for formative and summative assessment and learn how to best use these resources to inform instruction.
- ***GO Math! and Problem-Solving***
  This three-hour workshop focuses on best practices for approaching problem-solving with the Common Core and explores how Mathematical Practice Standards are integrated within the rigorous problem-solving approach found in **GO Math!** Attendees will participate in active problem-solving, exploring, and approaching problems from a concrete and abstract manner.

Collaborative Data Teams® for GO Math! (available as 12 contact hours of in-person delivery or 12 contact hours of online-facilitated delivery)

Participants will learn the fundamental steps of the Data Teams process, including the analysis of program embedded assessments, creation of standards-aligned short-cycle assessments, and the implementation of effective data-based collaboration—all aligned with **GO Math!** content. In addition, leaders will gain an understanding of how to implement, monitor, and support the Data Teams process within the **GO Math!** instructional program.

Authentic Performance Assessment for GO Math! (available as 18 contact hours of in-person delivery or 18 contact hours of online-facilitated delivery)

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Teachers will learn to develop authentic performance tasks utilizing the **GO Math!** content and resources. Through this process, mathematics teachers will fully leverage the adopted instructional resources into consistent and highly engaging units of study.

To achieve the goals of Idaho's districts, the Houghton Mifflin Harcourt Director of Implementation and your Account Executive will work with your instructional leaders to design an effective plan of professional development.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The **GO Math!** program resides on Houghton Mifflin Harcourt's digital platform, ThinkCentral at **www-k6.thinkcentral.com**.
Cross Platform Functionality:	HMH's ThinkCentral digital platform is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32- and 64-bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to ThinkCentral may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **GO Math!** program's tools and features.

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Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** GO Math! Premium Classroom Package with SBAC (Multi-Volume SE) (5-Year Print/5-Year Digital) Grade 6	**Copyright:** 2015 **ISBN number:** 9780544491816
Subject Area: Mathematics	**Author(s):** (this must match Submission/Bid Form & Sample) Dr. Edward B. Burger Dr. Matthew R. Larson Dr. Juli K. Dixon Steven J Leinwand Dr. Timothy D. Kanold Martha E. Sandoval-Martinez	**Grade Level:** Grade 6

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

GO Math! © 2015 for Kindergarten through Grade 6 aligns to the Idaho Content Standards and the Common Core State Standards (CCSS). Please see the correlations that accompany this proposal for complete details.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**GO Math!** for Kindergarten through Grade 6 was built from the ground up for the Common Core State Standards (CCSS). The program, available in English and Spanish, provides in-depth instruction with equal emphasis on conceptual understanding, procedural fluency, and real-world application. The program includes a fully integrated digital curriculum that transforms instruction and learning. **GO Math!** exemplifies best practices in research-based curriculum and the best of today's educational technology. Over the past five years, Houghton Mifflin Harcourt (HMH) has provided the trusted content of the **GO Math!** program to over seven million students in every state in the US and in 72 countries. **GO Math!** was selected as a finalist in the 2015 Revere Awards from the Association of American Publishers (AAP). HMH was honored to have **GO Math!** identified for its excellence as a high-quality product that supports teaching and learning. Comprehensive digital resources promote mastery and support students, teachers, administrators, and families.The next-generation digital components have been designed specifically with students and teachers in mind, with online and offline accessibility, tutorial videos, interactivities, and adaptive tools available at point-of-use. **GO Math!** teacher components present new levels of convenience and efficiency around planning, instructing, assigning, and assessing. The program provides rigor and depth with increased accessibility, with the Mathematical Practices embedded in every lesson, interactivity, research-based instructional approaches, and differentiated instructional resources to ensure success for all students. The program comes with our commitment to deliver quality implementation training that meets the needs of your district through comprehensive on-site and online support. **GO Math!** will help you meet the goals set for Idaho's students.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**GO Math!** is a comprehensive program that develops and strengthens students' mathematical knowledge and skills. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas, as they relate to students' problem-solving and reasoning. The Critical Areas of **GO Math!: Grade 6** are: • Operations – Ratio and Rate • Division of Fractions • Negative Numbers, Expressions, and Equations • Statistical Thinking **GO Math!** provides robust teacher support that begets effective, high-quality instruction for whole-group, small-group, and individual-level instruction and intervention. The Teacher Edition offers on-the-spot professional development and strategies that strengthen teachers' ability to engage students and provide enriching connections to mathematics while integrating the Standards for Mathematical Practices. The **GO Math!** teacher materials are organized and easy to use. In both print and digital formats, the Teacher Edition, ancillary materials, RTI and ELL resources, multimedia resources, assessments, and planning tools are logically organized to increase efficiency. Full support is provided for technology use and integration. The software and technology in the **GO Math!** program is described within this document.

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	  ○ Clickable audio
	  ○ Links to *Math On the Spot* tutorial videos, *Personal Math Trainer*, and *iTools*
	  ○ Accessible on computers, tablets, and smartphones
	• **GO Math!** online Interactive Student Edition is a dynamic and fun approach to learning math and includes:
	  ○ Lively, animated instruction
	  ○ Alternate content from the eStudent Edition
	  ○ Delivers access to embedded media, the *Personal Math Trainer,* and videos
	  ○ eGlossary
	  ○ *iTools* and *Virtual Tools*
	  ○ Online assessment, intervention, and homework and online submission

	○ Accessible on computers, tablets, and smartphones • *Student Dashboard* keeps students on track with helpful features. ○ *Things to Do* (calendar) ○ *My Library* ○ *My Score* ○ Eliminates the issue of losing work because activities completed on the *HMH Player* synchronize with the *Student Dashboard* • The *HMH Player* is an online, offline, and on-the-go all-in-one classroom application for students and teachers. All program materials and lesson resources, including embedded media, interactivities, assessments, planning tools, schedules, and reports are accessed via this one app. ○ The *HMH Player App* delivers next-generation digital experience and is compatible with any Internet-enabled device, and all content can be accessed offline. ○ *mySmartPlanner* enables teachers to easily plan classes, create and view assignments, and access all program resources in one place. Teachers can customize lessons and import their own content from outside the HMH program. ○ Digital engagement features, such as real-time chat with the teacher and classroom collaboration are included. Students can "raise a hand" within the application to ask or answer questions. Within the *HMH Player*, students can collaborate, both in and out of the classroom, with the messaging capabilities. Teachers can set up and oversee study groups, provide activities that foster synergy among students and classes, and send notifications and immediate feedback to the whole class or to individual students. ○ *Virtual Tools,* available online and offline, allow students to explore interactively and practice key math concepts and skills. ○ Students can work online or offline without missing a beat. All teacher and student work done in *HMH Player* and the Online Editions sync with the *Dashboards*. ○ The *HMH Player* was awarded Best of Show at the 2014 International Society of Technology in Education (ISTE) Conference. • *HMH Mega Math* boosts skills with exciting, leveled math adventures. ○ Provides review, practice, and application of skills and concepts ○ Fun game format ○ Instant feedback and motivating rewards • The *Personal Math Trainer* provides individualized intervention, remediation, enrichment, homework, practice, and assessment. ○ Students who use the *Personal Math Trainer* build a lifelong profile that travels with them as they progress from grade to grade and can continue to build on the individual skills they mastered from years past. ○ The *Personal Math Trainer* can automatically assign and grade students' work. ○ Teachers have access to detailed views of their students' progress, learning styles, strengths, and needs. Predictive scores are available for upcoming assessments. ○ Personalized trajectories are designed for every student to ensure the most efficient path to achieving learning goals. Targeted recommendations for other assignments are given. ○ Prescriptions are based on dynamic data and trends, not "decision tree" technology. If two students make the same mistake, they won't necessarily receive the same prescription. ○ The *Personal Math Trainer* operates with a deep pool of data and content and constantly searches for trends to provide an early warning system and predict success or difficulty. The *Personal Math Trainer* collects and compares student data on a national level, not just the campus level. The more data gathered, the smarter the system becomes. • *Animated Math* delivers dynamic visual representations of the content.

- Interactive simulations and tools
- Lesson activities and games with audio
- Instant feedback

- *Real-World Videos* introduce lessons using math in real-world settings.
  - Helps students make authentic connections with concepts
  - Displays the use and importance of math outside of the classroom
- *iTools* are virtual online manipulatives.
  - Multiple formats and functions
  - Digitally embedded – no need to leave the **GO Math!** workpage
- *Interactive Whiteboard Lessons* are available for every lesson in **GO Math!**
  - Engaging multisensory learning experiences
  - Compatible with Promethean® and SMART® Interactive Whiteboards and other interactive surfaces or projectors
- *Math on the Spot* tutorial videos, starring program authors in Grades 3 to 6 and *Math on the Spot* puppets Joey and Jeannie in Kindergarten to Grade 2, make learning fun. These videos:
  - Walk students through solutions to selected problems in the Student Edition
  - Provide step-by-step instructions and explanations of key math concepts
  - Can be launched using QR codes in the Student Edition
- *GO Math! Daily App* for Apple and Android devices
  - Practice and assessment for all lessons in **GO Math!**
  - Helps students build fluency
  - Instant feedback, with "hints" when needed
  - Scratchpad tool for students to work out problems

Other GO Math! Materials and Resources:

- *Grab-and-Go! Differentiated Centers Kit* offer leveled activities and games that connect directly to the lessons.
- *MathBoards* and Class and Student Manipulative Kits give students tools to represent their thinking visually.
- Leveled *Math Concept Readers* (three versions of the same story -- Below-Level, On-Level, and Above-Level) present concepts in real-world scenarios and enhance understanding.
- Lessons and activities for all three tiers of RTI, as well as *Reteach* and *Enrich* lessons and activities are available in print and digitally.
- The *ELL Activity Guide* offers comprehensive support for ELLs. The language-focused activities help students access the **GO Math!** content.
- The Spanish-language **GO Math!** program includes an *English Language Activity Guide.*

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:
Houghton Mifflin Harcourt is committed to partnering with Idaho's teachers and administrators in the creation of a sustaining professional development plan that begins with initial implementation and extends into long-term professional development. HMH's Implementation Directors and Professional Development Specialists will work with the curriculum leaders to determine what training and delivery options best meet administrator and teacher needs. Blending face-to-face professional development with *AskHMH*™ online advice and video-based learning, our professional development services meet the day-to-day needs of educators. Services include advanced instructional workshops, coaching and demonstration lessons, best practices using technology, and performance assessment to ensure optimal student results. Our specialized team combines in-depth subject and product knowledge with classroom experience to support educators.

HMH is a major publisher of pre-K-12 programs with vast experience in implementing programs. Our framework for effective implementation is grounded in the following beliefs:

- Administrators are instructional leaders and are critical to a successful implementation.
- Effective implementation requires careful planning and utilization of district assets in combination with Houghton Mifflin Harcourt resources.

- Initial implementation training and feedback provides equity in understanding of the program component, resources, and instructional design.
- Ongoing, needs-based professional development is a hallmark of communities of practice and districts who have succeeded in raising achievement.

HMH's professional development programs are grounded in research and classroom practice. Each program provides rich and rigorous instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Even with such extensive support, HMH recognizes that ongoing professional development is necessary to build a foundational understanding of the program and pedagogy. Our goal is to build internal capacity by supporting your teachers, coaches, and leaders to get the results your districts expect and your students deserve.

With the purchase of **GO Math!**, you will receive service entitlements that can be applied to the training courses listed below. A customized full-day training program can be designed to meet your specific professional development needs. Houghton Mifflin Harcourt's on-site professional development solutions, delivered by experienced, highly qualified Professional Development Specialists include:

GO Math! Foundations

- ***User Experience***
  Designed for teachers who are new to **GO Math!**, this three-hour training includes an overview of the program and instructional resources and provides a deeper understanding of differentiation, assessment, and technology to support successful implementation.
- ***Effective Implementations of GO Math! Technology***
  This three-hour training provides a deeper understanding of course-related technology and supports successful implementation of the program's digital components.

GO Math! Coaching and Demonstrations Lessons

Choose a full day of product coaching or demonstration lessons, and focus on deeper understanding, interpretation, and application of **GO Math!** program components. Professional Development Specialists provide immediate feedback on instructional practices, climate, delivery, and impact.

GO Math! Digital Learning Essentials (available as a blended delivery or online-facilitated delivery)

- ***Setting the State for Technology Integration***
  These sessions are designed to help educators draw research-based conclusions about students' instructional and developmental needs, understand the current level of instructional practice as measured by ISTE Standards for Teachers, and analyze and apply frameworks of instruction to support the infusion of technology into daily instruction.
- ***Creating Impactful Learning in a Blended Classroom***
  Learn how to identify and implement the four blended learning models to impact instruction, and explore solutions to support classroom management in a blended classroom; strategies for infusing Digital Literacy and Digital Citizenship into instruction; and best practices to enable home/school connection to support a blended classroom.
- ***Authentic Instruction in a Blended Classroom***
  Learn how to evaluate, choose, and practice appropriate blended learning models to support learning and creating engaging, real-world learning opportunities with digital tools.

GO Math! Instructional Practices

- ***Instructional Shifts and GO Math!***
  This three-hour workshop helps teachers make instructional shifts by creating a collaborative learning environment using **GO Math!** instructional lesson design, digital support, and print resources. Attendees will examine each shift (fluency, coherence, focus, deep understanding, dual intensity, and application) and learn how to support students in developing conceptual understanding and procedural fluency.
- ***Assessment and GO Math!***
  This three-hour workshop begins with a brief overview of the Common Core State Content and Mathematical Practice Standards within the context of the Common Core Assessments. From that lens, teachers will inventory **GO Math!** print and digital support for formative and summative assessment and learn how to best use these resources to inform instruction.
- ***GO Math! and Problem-Solving***
  This three-hour workshop focuses on best practices for approaching problem-solving with the Common Core and explores how Mathematical Practice Standards are integrated within the rigorous problem-solving approach found in **GO Math!** Attendees will participate in active problem-solving, exploring, and approaching problems from a concrete and abstract manner.

Collaborative Data Teams® for GO Math! (available as 12 contact hours of in-person delivery or 12 contact hours of online-facilitated delivery)

Participants will learn the fundamental steps of the Data Teams process, including the analysis of program embedded assessments, creation of standards-aligned short-cycle assessments, and the implementation of effective data-based collaboration—all aligned with **GO Math!** content. In addition, leaders will gain an understanding of how to implement, monitor, and support the Data Teams process within the **GO Math!** instructional program.

Authentic Performance Assessment for GO Math! (available as 18 contact hours of in-person delivery or 18 contact hours of online-facilitated delivery)

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Teachers will learn to develop authentic performance tasks utilizing the **GO Math!** content and resources. Through this process, mathematics teachers will fully leverage the adopted instructional resources into consistent and highly engaging units of study. To achieve the goals of Idaho's districts, the Houghton Mifflin Harcourt Director of Implementation and your Account Executive will work with your instructional leaders to design an effective plan of professional development.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The **GO Math!** program resides on Houghton Mifflin Harcourt's digital platform, ThinkCentral at **www-k6.thinkcentral.com**.
Cross Platform Functionality:	HMH's ThinkCentral digital platform is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32- and 64-bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to ThinkCentral may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **GO Math!** program's tools and features.

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Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** GO Math! Premium Classroom Package Upgraded Grade 6	**Copyright:** 2014 **ISBN number:** 9780544669697
Subject Area: Mathematics	**Author(s):** Dr. Juli K. Dixon Dr. Matthew R. Larson Dr. Edward B. Burger Dr. Timothy D. Kanold Steven J. Leinwand	**Grade Level:** Grade 6

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Houghton Mifflin Harcourt GO Math! © 2014 for Grades 6-8 aligns to the Idaho Content Standards and the Common Core State Standards (CCSS). Please see the correlations that accompany this proposal for complete details.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Houghton Mifflin Harcourt (HMH) **GO Math!** is a focused, middle school mathematics program designed to meet the objectives and intent of the Common Core State Standards for Mathematics. The **GO Math!** program was built from the ground up for the CCSS and provides in-depth instruction with equal emphasis on conceptual understanding, procedural fluency, and real-world application. The program includes a fully integrated digital curriculum that transforms instruction and learning. **GO Math!** exemplifies best practices in research-based curriculum and the best of today's educational technology. Over the past five years, HMH has provided the trusted content of the **GO Math!** program to over seven million students in every state in the US and in 72 countries. **GO Math!** was selected as a finalist in the 2015 Revere Awards from the Association of American Publishers (AAP). HMH was honored to have **GO Math!** identified for its excellence as a high-quality product that supports teaching and learning. Comprehensive digital resources promote mastery and support students, teachers, administrators, and families.The next-generation digital components have been designed specifically with students and teachers in mind, with online and offline accessibility, tutorial videos, interactivities, and adaptive tools available at point-of-use. **GO Math!** teacher components present new levels of convenience and efficiency around planning, instructing, assigning, and assessing. The program provides rigor and depth with increased accessibility, with the Mathematical Practices embedded in every lesson, interactivity, research-based instructional approaches, and differentiated instructional resources to ensure success for all students. The program comes with our commitment to deliver quality implementation training that meets the needs of your districts through comprehensive on-site and online support. **GO Math!** will help you meet the goals set for Idaho's middle school students.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**GO Math!** is a comprehensive program that develops and strengthens students' mathematical knowledge and skills. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas, as they relate to students' problem-solving and reasoning. The Critical Areas of **GO Math! Grade 6:** • Integers • Operations with Fractions • Ratios and Rates • Expressions and Equations • Statistical Thinking **GO Math!** provides robust teacher support that begets effective, high-quality instruction for whole-group, small-group, and individual-level instruction and intervention. The Teacher Edition offers on-the-spot professional development and strategies that strengthen teachers' ability to engage students and provide enriching connections to mathematics while integrating the Standards for Mathematical Practices. The **GO Math!** teacher materials are organized and easy to use. In both print and digital formats, the Teacher Edition, ancillary materials, RTI and ELL resources, multimedia resources, assessments, and planning tools are logically organized to increase efficiency. Full support is provided for technology use and integration. The software and technology in the **GO Math!** program is described within this document.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Best Practices in Program Design:	**GO Math!** presents a balance of mathematical procedures and deeper conceptual understanding, as outlined by the standards. The program is built upon research and best practices and is organized by the 5E Model of Instruction: Engage, Explore, Explain, Elaborate, and Evaluate. This provides a lesson framework that guides students through research- and practice-based experiences that lead to deep conceptual understanding and prepares them for sustained success. The scaffolded instruction and student materials, as well as skill-building digital tools, provide a strong system that develops and sharpens procedural fluency. In **GO Math!**, students apply their knowledge to real-world scenarios, thus giving students opportunities to see the constant presence of mathematics in our lives. **GO Math!** leads with conceptual investigations and tasks, followed by carefully crafted lessons that include scaffolded examples and modeling, and follows with a variety of practice formats to strengthen independent skills. The **GO Math!** program's 5E Model of Instruction and concrete-pictorial-abstract lesson progression provides meaningful instruction and application. This design provides scaffolded support that, when gradually faded, results in students' ability to perform independently. Each unit begins with a *Math in Careers* feature that connects the unit's math concepts to jobs in the real world. The *Reading Start-Up* and vocabulary activities focus on the unit's key terms and help students learn and understand the specialized language of mathematics. As a module begins, the class recalls background knowledge with the *Are You Ready?* exercise. Teachers begin each lesson in the *Engage* section, which integrates the *Real-World Video*, the *Essential Question* discussion, and a discovery activity. Inquiry and discovery continue in the *Explore* section of the lesson, as students are introduced to the key points of the lesson with an interactive, highly scaffolded activity based on a real-world scenario. With these modeled, step-by-step supports, students find ways to interact with the mathematical concept while strengthening their conceptual understanding. In the *Explore* section, they build an understanding of the key concept while modeling, using tools, drawing, analyzing patterns and structures, reasoning, and making conjectures with scaffolding via the teacher and the supportive text. The *Explain* section of the lesson features multiple representations of the concept and opportunities for practice. Using new academic and mathematical vocabulary, students engage in *Math Talk* as they expand their understanding. The Teacher Edition offers scaffolded support, differentiated instruction strategies and activities, and question prompts. The student text provides stepped-out models along with scaffolded problems for students to solve. *Your Turn* problem sets let students try new skills independently. Students progress to the *Elaborate* section of the lesson, which requires them to solve problems, justify their thinking, and provide evidence of their reasoning with increased independence. Problems stimulate higher-order thinking and incorporate specific Mathematical Practice standards. Students can view the *Math on the Spot* tutorial videos at any time for lesson-specific step-by-step instructions and explanations. The *Evaluate* exercises, with *Guided and Independent Practice* pages, allow students to independently build proficiency and conceptual understanding with questions at various Depth of Knowledge (DOK) levels. The *Essential Question Reflection* assesses students' comprehension thus far. For students needing additional support, remediation and RTI resource options are listed in the Teacher Edition throughout the lesson. Procedures and concepts are presented in real-world scenarios that stimulate students' sense- making and connections. The Teacher Edition provides instructional strategies and question prompts that guide and support students. The Student Edition includes meaningful visuals and thoughtful layouts that assist students' acquisition of knowledge and procedural skills. The **GO Math!** print and digital Student Edition feature a write-in design that allows students to immediately engage in the mathematics. Student materials and resources provide interactive experiences that enhance conceptual understanding and procedural skills. Models, questions, manipulatives, quick pictures, and symbols are used to engage students as they develop a deeper understanding of the content and increase fluency. Throughout any phase of the lesson, students can use the program's ancillary items, such as *Animated Math* and *Math on the Spot* tutorial videos to enhance their understanding.

Main Components & Ancillary Items Needed for Implementation:	In addition to the print materials, **GO Math!** includes high-quality resources and technology. **GO Math!** components boost students' engagement and learning and enhance teachers' efficiency and instruction. Students are able to

connect to the concepts by drawing, seeing, hearing, speaking and listening, constructing and deconstructing, and using technology.

Along with the print Student Edition, Teacher Edition, resource guides, and assessment materials, notable **GO Math!** materials include technology and multimedia components that enhance teaching and learning, increase accessibility and efficiency, and engage today's generation of tech-savvy students.

Teachers and students are able to access content in print and digital formats, and the *HMH Player App* enables access to digital content while offline. Therefore, students are able to interact with the richness of the Interactive Student Edition and other electronic tools and resources from home and on-the-go, even if Internet access is not available. The *HMH Player* delivers **GO Math!** content with digital enhancements that provide an engaging, organized way to learn. The *HMH Player* gives direct access to texts, resources, and ancillary materials, the *Personal Math Trainer, Math on the Spot* tutorial videos, virtual manipulatives, and calculators. With its embedded features, the *HMH Player* lets students access their work and support materials easily from one app. Digital editions allow students to choose the page size, and the Interactive Student Edition includes audio (text reader) capability with captions.

The *Personal Math Trainer,* powered by Knewton, provides a personalized learning path that includes individualized instruction, practice, intervention, assessment, and enrichment. It adds further support with instant feedback, step-by-step problem-solving, point-of-use learning aids, and adaptive technology that targets students' needs, including weaknesses in underlying prerequisite skills. Teachers can also assign activities and assessments to students and have the results and reports sent to the *Teacher Dashboard.*

The **GO Math!** program is compatible with Mac iOS®, Android™, and Windows® tablets; Mac OS® and Windows® desktops and laptops; and Chromebook™. Compatible browsers include Google Chrome™, Firefox®, Safari® (7.0 and up), Internet Explorer® (8 and up).

- **GO Math!** Online Teacher Edition and *Dashboard*
  - Provide quick access to *Teacher Resource Center*, assignments, planner, reports, program resources, presentation tools, and *Professional Development Videos* featuring program authors
  - *Interactive Whiteboard Lessons* for every **GO Math!** lesson
  - *Professional Development Podcasts* about the *Essential Questions*
- **GO Math!** *Teacher One Stop*™ DVD-ROM
  - Provides all teaching resources in offline, downloadable format
  - Downloadable Teacher and Student Editions
  - Downloadable ancillaries, including videos and assessments
  - Planning and scheduling tools
- **GO Math!** eStudent Edition is the tech-enhanced online version of the print write-in Student Edition and includes:
  - Embedded answer entry tool with options to save to *myNotebook* and print
  - Bookmarking and note-taking tools
  - Links to interactive enhancements and digital assessment
  - Option to print pages
  - Also available in downloadable ePUB3 format
- **GO Math!** online Interactive Student Edition (HTML5) is a dynamic and fun approach to learning math and includes:
  - Lively, animated instruction
  - Alternate content from the eStudent Edition
  - Delivers access to embedded media, the *Personal Math Trainer,* and videos
  - Multilingual eGlossary
  - *iTools* virtual manipulatives
  - Online assessment, intervention, and homework and online submission
- **GO Math!** Kno™ eTextbook is a downloadable version of the write-in Student Edition and includes:

	○ Online and offline use
	○ Bookmarking and note-taking tools
	○ Kno Me analytics
	○ Social sharing and collaboration
	○ Smart Links
	○ Journaling
	• *Student Dashboard,* available on the eStudent Edition and online Interactive Student Edition, keeps students on track with helpful features.
	  ○ *Things to Do*
	  ○ *My Library*
	  ○ *My Score*
	  ○ Eliminates the issue of losing work because activities completed on the *HMH Player* and the eStudent Edition synchronize with the *Student Dashboard*
	• *HMH Player*, available to both students and teachers, bridges formal and informal learning time while redefining digital and classroom instruction.
	  ○ Available online, offline, and on-the-go; all work syncs to the *Dashboards*
	  ○ Gives teachers back valuable time with customizable lessons
	  ○ Merges technology with curriculum to provide the resources needed for effective, engaging, and efficient instruction all in one place
	  ○ Designed for today's digital natives, *HMH Player* connects students to their interactive lessons, adaptive assessments, and a variety of digital tools that maximize the amount of time students are on-task while in school and at home
	  ○ Allows students to virtually "raise a hand" and communicate with the teacher in real-time
	  ○ Accessible on computers, tablets, and smartphones
	• The *Personal Math Trainer* provides individualized intervention, remediation, enrichment, homework, practice, and assessment.
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  - Walk students through solutions to selected problems in the Student Edition
  - Provide step-by-step instructions and explanations of key math concepts
  - Can be launched using QR codes in the Student Edition

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

As your educational partner, we want to ensure **GO Math!** delivers optimal student results in Idaho's schools. Houghton Mifflin Harcourt's high-quality implementation training can meet the unique needs of your state through comprehensive on-site and online support. Houghton Mifflin Harcourt's Professional Development Specialists have in-depth content and product knowledge plus classroom experience to provide Idaho's schools and teachers the support they need for successful implementation.

Our professional development services for **GO Math!** meet the day-to-day needs of educators by blending face-to-face professional development with *AskHMH*™ online advice and video-based learning. Services include advanced instructional workshops, coaching and demonstration lessons, best practices using technology, and performance assessment to ensure optimal student results.

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  Designed for teachers who are new to **GO Math!,** this three-hour training includes an overview of the program and instructional resources and provides a deeper understanding of differentiation, assessment, and technology to support successful implementation.
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- *Creating Impactful Learning in a Blended Classroom*
  Learn how to identify and implement the four blended learning models to impact instruction, and explore solutions to support classroom management in a blended classroom; strategies for infusing Digital Literacy and Digital Citizenship into instruction; and best practices to enable home/school

connection to support a blended classroom.

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  This three-hour workshop focuses on best practices for approaching problem-solving with the Common Core and explores how Mathematical Practice Standards are integrated within the rigorous problem-solving approach found in **GO Math!** Attendees will participate in active problem-solving, exploring, and approaching problems from a concrete and abstract manner.

Collaborative Data Teams® for GO Math! (available as 12 contact hours of in-person delivery or 12 contact hours of online-facilitated delivery)

- Participants will learn the fundamental steps of the Data Teams process, including the analysis of program embedded assessments, creation of standards-aligned short-cycle assessments, and the implementation of effective data-based collaboration—all aligned with **GO Math!** content. In addition, leaders will gain an understanding of how to implement, monitor, and support the Data Teams process within the **GO Math!** instructional program.

Authentic Performance Assessment for GO Math! (available as 18 contact hours of in-person delivery or 18 contact hours of online-facilitated delivery)

- Teachers will learn to develop authentic performance tasks utilizing the **GO Math!** content and resources. Through this process, mathematics teachers will fully leverage the adopted instructional resources into consistent and highly engaging units of study.

To achieve the goals of Idaho's districts and schools, the Houghton Mifflin Harcourt Director of Implementation and your Account Executive will work with your instructional leaders to design an effective plan of professional development.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The **GO Math! Grades 6-8** program resides in Houghton Mifflin Harcourt's digital platform, Houghton Mifflin Online Framework (HMOF) at my.hrw.com.
Cross Platform Functionality:	HMH's digital platform on my.hrw.com is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32- and 64-bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to my.hrw.com may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student and Teacher Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **GO Math!** program's tools and features.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** Houghton Mifflin Harcourt Algebra 1 Premium Classroom Package Upgraded	**Copyright:** 2015 **ISBN number:** 9780544670426
Subject Area: Mathematics	**Author(s):** (this must match Submission/Bid Form & Sample) Dr. Timothy D. Kanold Dr. Edward B. Burger Dr. Juli K. Dixon Dr. Matthew R. Larson Steven J. Leinwand	**Grade Level:** High School, Grades 9-12

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Houghton Mifflin Harcourt Algebra 1 © 2015 (**HMH Algebra 1**), which is part of the **Houghton Mifflin Harcourt Algebra 1, Geometry, Algebra 2** (**HMH AGA**) program aligns to the Idaho Content Standards and the Common Core State Standards (CCSS). Please see the correlations that accompany this proposal for complete details.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**HMH Algebra 1** provides coherent, focused, and rigorous instruction through a blended learning approach. This digital-first program offers an interactive HTML pathway that is organized around the 5E Model of Instruction (Engage, Explore, Explain, Elaborate, and Evaluate) and built to meet 100 percent of the Common Core State Standards. The concise print offering showcases interactivity with a "less talking, more doing" approach to teaching mathematics. Developed for its 2015 release, **HMH Algebra 1** delivers current, relevant information that teachers and students connect with and the accuracy Idaho teachers and students can count on. Created to reach today's students in their preferred learning style and built around the groundbreaking *HMH Player™ App,* **HMH Algebra 1** is uniquely organized into modules, or content clusters, that allow students to make connections across mathematical domains, better preparing them for high-stakes assessments and college and career math. The digital student experience leverages the best in digital functionality and instructional design to engage students by meeting them where they are and taking them where they need to be. With the Mathematical Practices embedded in every lesson, the program engages and provides rigor and depth of understanding through interactivity, research-based instructional approaches, best practices, and differentiated instructional resources to ensure success for all students in Idaho's schools.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**HMH Algebra 1** is a comprehensive program that develops and strengthens students' algebra knowledge and skills. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas, as they relate to students' problem-solving and reasoning. The units of **HMH Algebra 1** are: *Unit 1: Quantities and Modeling* *Unit 2: Understanding Functions* *Unit 3: Linear Functions, Equations, and Inequalities* *Unit 4: Statistical Models* *Unit 5: Linear Systems and Piecewise-Defined Functions* *Unit 6: Exponential Relationships* *Unit 7: Polynomial Operations* *Unit 8: Quadratic Functions* *Unit 9: Quadratic Equations and Modeling* *Unit 10: Inverse Relationships* **HMH Algebra 1** provides robust teacher support that begets effective, high-quality instruction for whole-group, small-group, and individual-level instruction and intervention. The Teacher Edition offers on-the-spot professional development and strategies that strengthen teachers' ability to engage students and provide enriching connections to mathematics while integrating the Standards for Mathematical Practices. The **HMH Algebra 1** teacher materials are organized and easy to use. In both print and digital formats, the Teacher Edition, ancillary materials, RTI and ELL resources, multimedia resources, assessments, and planning tools are logically organized to increase efficiency. Full support is provided for technology use and integration. The software and technology in the **HMH Algebra 1** program is described within this document.

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Best Practices in Program Design:	The **HMH Algebra 1** program is an instructional program that promotes a balance of conceptual understanding, procedural fluency, and real-world application of the content. The program is built upon research and best practices and is organized by the 5E Model of Instruction (Engage, Explore, Explain, Elaborate, and Evaluate). This provides a lesson framework that guides students through research- and practice-based experiences that lead to deep conceptual understanding and prepares them for sustained success. The scaffolded instruction and student materials, as well as skill-building digital tools, provide a strong system that develops and sharpens procedural fluency. In **HMH Algebra 1**, students apply their knowledge to real-world scenarios, thus giving students opportunities to see the constant presence of mathematics in our lives. For example, a *Lesson Performance Task* asks students to determine the amount of money each person spent during a day at the amusement park. Students are asked to write an equation; represent the relation as a table, a graph, and a mapping diagram; find the domain and range; and determine whether the relation is a function. A *Module Performance Task* challenges students to analyze baseball statistics both numerically and graphically to help someone make sense of the runs-scored stats. Students are guided to success through the 5E Model of Instruction, and a variety of supporting and supplemental resources are just a click away. Higher-order thinking is incorporated into every lesson, and students experience real-world connections to the content through appealing scenarios, videos, tasks, and extension activities. At the module level, students' initial engagement begins with a *Real-World Video* and a prerequisite review called *Are You Ready?*. These features activate students' prior knowledge from earlier lessons and from previous grade-levels, guiding their connections to the module's topics. The program provides meaningful opportunities for students to apply the key takeaways from elementary-level mathematics, such as arithmetic fluency, familiarity with geometrical shapes, and the order of operations. At the lesson level, students begin with the *Engage* phase, in which students engage in inquiry and discovery while making connections to prior knowledge. During the *Engage* section, the class discusses the *Essential Question* and their preview of the *Lesson Performance Task.* Inquiry and discovery continue in the *Explore* section of the lesson, as students are introduced to the key points of the lesson with an interactive, highly scaffolded activity based on a real-world scenario. With these step-by-step supports, students find ways to interact with the mathematical concept while strengthening their conceptual understanding. As students move on to the *Explain* phase, they deepen their understanding of the concept/skill. This section presents organized information, stepped-out models, and scaffolded exercises. Students, then, show their increased level of understanding by explaining the concept and problem-solving procedures in the *Reflect* questions and completing problems with decreased scaffolding in *Your Turn* questions. In the *Elaborate* section, students provide written responses that detail the concept, the problem-solving procedures, and their abstract and quantitative reasoning. This section challenges students to put the facets of problem-solving into words, thereby extending their comprehension and retention. The *Elaborate* phase of the lesson also includes the *Essential Question Check-In,* which asks students to respond to the *Essential Question* based on what they have learned. Students continue to apply their learning in the *Evaluate* phase of the lesson by solving problems and justifying their procedures and reasoning. The *Evaluate* section includes questions from various Depth of Knowledge (DOK) levels, including questions labeled as *H.O.T.* (*Higher-Order Thinking*). The balance of conceptual understanding, procedural fluency, and real-world application is exemplified throughout **HMH Algebra 1**, especially in the *Math in Careers* activities, *Performance Tasks*, *Extension Activities,* and exercises on the *Personal Math Trainer.* The questions and tasks in **HMH Algebra 1** encourage development and application of critical thinking, problem-solving, and communication skills. Critical thinking skills are strengthened through question prompts involving reasoning, modeling, and making mathematical connections and *H.O.T.* questions that are included in every lesson. Problem-solving examples, exercises, and tutorials lead students through problem-solving steps and ask students to explain their solution process. Communication occurs with teacher-prompted discussion, *Collaborative Learning* activities, open-ended exercises, and *Journal* prompts.

Main Components & Ancillary Items Needed for Implementation:	In addition to the print materials, **HMH Algebra 1** includes high-quality resources and technology. **HMH Algebra 1** components boost students' engagement and learning and enhance teachers' efficiency and instruction. Along with the print Student Edition, Teacher Edition, resource guides, and assessment materials, notable **HMH Algebra 1**

	materials include technology and multimedia components that enhance teaching and learning, increase accessibility and efficiency, and engage today's generation of tech-savvy students.
	• *Teacher Dashboard*
	  ○ Provide quick access to *Teacher Resource Management Center*, assignments, planner, reports, program resources, presentation tools, and *Professional Development Videos* featuring program authors
	  ○ *Interactive Whiteboard Lessons*
	  ○ The *Teacher Resource Management Center* includes videos and downloadable PDF versions of the Teacher Edition, as well as editable versions of the assessments, differentiated/RTI materials, *Practice and Problem Solving* sheets, *Reading Strategies* sheets, *Success for English Learners* sheets, and lesson plans.
	• **HMH Algebra 1** online Interactive Teacher Edition
	  ○ Designed for ease-of-use
	  ○ Embedded tools and one-click access to standards, background information, differentiated activities, and lesson resources
	  ○ Enhances instruction and engagement by providing interactive presentations
	• **HMH Algebra 1** Teacher Edition eBook
	  ○ Downloadable for online or offline use
	  ○ PDF versions of the Teacher Edition, as well as editable assessments, RTI/differentiated materials, supplemental worksheets, and lesson plans
	• *Student Dashboard* keeps students on track with helpful features.
	  ○ *Things to Do*
	  ○ *My Library*
	  ○ *My Score*
	  ○ Eliminates the issue of losing work because activities completed on the *HMH Player* and the Interactive Student Edition synchronize with the *Student Dashboard*
	• **HMH Algebra 1** online Interactive Student Edition is a dynamic and engaging approach to learning math and includes:
	  ○ A virtual write-in format
	  ○ Alternate content from the eStudent Edition
	  ○ Delivers access to embedded media, the *Personal Math Trainer,* and videos
	  ○ Multilingual eGlossary
	  ○ *iTools* and *Virtual Tools*
	  ○ Online assessment, intervention, and homework and online submission
	  ○ Available in Spanish
	• **HMH Algebra 1** Student Edition eBook
	  ○ Downloadable PDFs for online or offline use
	  ○ Includes the Student Edition, differentiated/RTI materials, videos, *Practice and Problem Solving* worksheets, *Reading Strategies* sheets, *Success for English Learners* sheets, and *Selected Answers*
	  ○ Available in Spanish
	• *Common Core Assessment Readiness Workbook and Teacher Guide* includes test preps that fit the rigor of the CCSS assessments.
	• The *HMH Player App* is an online, offline, and on-the-go all-in-one classroom application for students and teachers. All program materials and lesson resources, including embedded media, interactivities, assessments, planning tools, schedules, and reports are accessed via this one app.
	  ○ The *HMH Player App* delivers next-generation digital experience and is compatible with any Internet-enabled device, and all content can be accessed offline.

	○ *mySmartPlanner* enables teachers to easily plan classes, create and view assignments, and access all program resources in one place. Teachers can customize lessons and import their own content from outside the HMH program. ○ Digital engagement features, such as gamification, real-time chat with the teacher, and classroom collaboration are included. Students can "raise a hand" within the application to ask or answer questions. Within the *HMH Player*, students can collaborate, both in and out of the classroom, with the messaging capabilities. Teachers can set up and oversee study groups, provide activities that foster synergy among students and classes, and send notifications and immediate feedback to the whole class or to individual students. ○ *Virtual Tools,* available online and offline, allow students to explore interactively and practice key math concepts and skills. ○ Lost or forgotten work is no longer an issue with synchronization of the Interactive Online Student Edition and *Student Dashboard,* which are accessible through the *HMH Player*. Students can work online or offline without missing a beat. All teacher and student work done in *HMH Player* and the Online Editions sync with the *Dashboards*. ○ The *HMH Player* was awarded Best of Show at the 2014 International Society of Technology in Education (ISTE) Conference. • *Math on the Spot* tutorial videos are engaging tutorial videos, featuring program author Dr. Edward Burger, that accompany every example in the program, and give students step-by-step instructions and explanations of key math concepts. They are the perfect tool for students in need of additional support or an alternative approach to instruction. Viewers can access Spanish captioning. • *Real-World Videos,* presented by HMH author Dr. Michael Heithaus, are interesting and relevant applications of each module's mathematical content and are tied to each *Performance Task.* • QR codes in the print editions can take students to the *Student Resource Locker* and teachers to the *Professional Development Videos* with a quick scan. • The *Virtual Tools*, each with various features and functionality, included in **HMH Algebra 1** are: ○ *Algebra Tiles* ○ *Graphing Calculator* ○ *Scientific Calculator* ○ *Geometry Sketcher* ○ *Smart Grapher* ○ *Multilingual Glossary* ○ *Scratch Pad* • *Personal Math Trainer* provides individualized intervention, remediation, enrichment, homework, practice, and assessment. The *Personal Math Trainer* can be accessed through the online Interactive Student Edition and the *HMH Player*. ○ The *Personal Math Trainer* has capabilities for automatic assigning and scoring. ○ Personalized trajectories are designed for every student to ensure the most efficient path to achieving learning goals. Targeted recommendations for other assignments are given. ○ The *Personal Math Trainer* operates with a deep pool of data and content and constantly searches for trends to provide an early warning system and predict success or difficulty. ○ Large banks of items are included for all functions, including assessment. ○ Students who use the *Personal Math Trainer* build a lifelong profile that travels with them as they progress from grade to grade and can continue to build on the individual skills they mastered from years past. ○ Teachers have access to detailed views of their students' progress, learning styles, strengths, and needs. Predictive scores are available for upcoming assessments. ○ The *Personal Math Trainer* collects and compares student data on a national level, not just the

campus level. The more data gathered, the smarter the system becomes.

- Homework, quizzes, and tests are available in Spanish.

The **HMH AGA** program is compatible with Mac iOS®, Android™, and Windows® tablets; Mac OS® and Windows® desktops and laptops; and Chromebook™. Compatible browsers include Google Chrome™, Firefox®, Safari® (7.0 and up), Internet Explorer® (8 and up).

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

Houghton Mifflin Harcourt is committed to partnering with Idaho's teachers and administrators in the creation of a sustaining professional development plan that begins with initial implementation and extends into long-term professional development. HMH's Implementation Directors and Professional Development Specialists will work with the curriculum leaders to determine what training and delivery options best meet administrator and teacher needs. Blending face-to-face professional development with *AskHMH*™ online advice and video-based learning, our professional development services meet the day-to-day needs of educators. Services include advanced instructional workshops, coaching and demonstration lessons, best practices using technology, and performance assessment to ensure optimal student results. Our specialized team combines in-depth subject and product knowledge with classroom experience to support educators.

HMH is a major publisher of pre-K-12 programs with vast experience in implementing programs. Our framework for effective implementation is grounded in the following beliefs:

- Administrators are instructional leaders and are critical to a successful implementation.
- Effective implementation requires careful planning and utilization of district assets in combination with Houghton Mifflin Harcourt resources.
- Initial implementation training and feedback provides equity in understanding of the program component, resources, and instructional design.
- Ongoing, needs-based professional development is a hallmark of communities of practice and districts who have succeeded in raising achievement.

HMH's professional development programs are grounded in research and classroom practice. Each program provides rich and rigorous instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Even with such extensive support, HMH recognizes that ongoing professional development is necessary to build a foundational understanding of the program and pedagogy. Our goal is to build internal capacity by supporting your teachers, coaches, and leaders to get the results your districts expect and your students deserve.

With the purchase of **HMH AGA**, you will receive service entitlements that can be applied to the training courses listed below. A customized full-day training program can be designed to meet your specific professional development needs.

- *User Experience*: This session provides an overview of the program and instructional resources and provides a deeper understanding of differentiation, assessment, and technology to support successful implementation. (3 hours)
- *Effective Implementation of HMH AGA*: This course digs deeper into course-related technology and supports successful implementation of the program's digital components. (3 hours)
- *Coaching and Demonstration Lessons:* Choose a full day of product coaching or demonstration lessons and focus on deeper understanding, interpretation, and application of **HMH AGA** components. Professional Development Specialists provide immediate feedback on instructional practices, climate, delivery, and impact.
- *Differentiation and Intervention:* This advanced implementation workshop explores best practices for differentiation and intervention utilizing **HMH AGA** instructional support resources. Participants will learn how to integrate print and digital support, questioning strategies, and progress monitoring tools found in the program. (3 hours)
- *Assessment:* Preparing for high-stakes assessments requires a strategic instructional plan that includes incorporating short constructed responses, extended constructed responses, and performance tasks into daily teaching. The session gives a brief overview of the Common Core State Standards for Content and for Practice within the context of the Common Core Assessments. Teachers will inventory **HMH AGA** print and digital support for formative and summative assessment and learn how to best use these resources to inform instruction. (3 hours)
- *Mathematical Practices in the Classroom:* The Common Core State Standards for Mathematical Practice require teachers to teach mathematics with process and reasoning at the forefront. Participants will consider the "common language" interpretation of the Mathematical Practices and will discover ways to actively integrate the practices into daily instruction and assess their effectiveness. (3 hours)
- *Learning Environment:* This workshop focuses on creating a highly engaging, mathematically rigorous learning environment for **HMH AGA** students. Teachers will learn to incorporate common language and problem-solving with the aim of increasing mathematical discourse among their students. Digital tools and digital instruction will be part of this course. (3 hours)

Full disclosure for digital materials: **(please complete for digital curricular materials only)**

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Platform:	The **HMH Algebra 1** program resides in Houghton Mifflin Harcourt's digital platform, Houghton Mifflin Online Framework (HMOF) at my.hrw.com.
Cross Platform Functionality:	HMH's digital platform on my.hrw.com is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32- and 64-bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to my.hrw.com may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student and Teacher Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **HMH Algebra 1** program's tools and features.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** Houghton Mifflin Harcourt Geometry Premium Classroom Package Upgraded	**Copyright:** 2015 **ISBN number:** 9780544670594
Subject Area: Mathematics	**Author(s):** (this must match Submission/Bid Form & Sample) Dr. Timothy D. Kanold Dr. Edward B. Burger Dr. Juli K. Dixon Dr. Matthew R. Larson Steven J. Leinwand	**Grade Level:** High School, Grades 9-12

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

Houghton Mifflin Harcourt Geometry © 2015 (**HMH Geometry**), which is part of the **Houghton Mifflin Harcourt Algebra 1, Geometry, Algebra 2** (**HMH AGA**) program aligns to the Idaho Content Standards and the Common Core State Standards (CCSS). Please see the correlations that accompany this proposal for complete details.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**HMH Geometry** provides coherent, focused, and rigorous instruction through a blended learning approach. This digital-first program offers an interactive HTML pathway that is organized around the 5E Model of Instruction (Engage, Explore, Explain, Elaborate, and Evaluate) and built to meet 100 percent of the Common Core State Standards. The concise print offering showcases interactivity with a "less talking, more doing" approach to teaching mathematics. Developed for its 2015 release, **HMH Geometry** delivers current, relevant information that teachers and students connect with and the accuracy Idaho teachers and students can count on. Created to reach today's students in their preferred learning style and built around the groundbreaking *HMH Player™ App,* **HMH Geometry** is uniquely organized into modules, or content clusters, that allow students to make connections across mathematical domains, better preparing them for high-stakes assessments and college and career math. The digital student experience leverages the best in digital functionality and instructional design to engage students by meeting them where they are and taking them where they need to be. With the Mathematical Practices embedded in every lesson, the program engages and provides rigor and depth of understanding through interactivity, research-based instructional approaches, best practices, and differentiated instructional resources to ensure success for all students in Idaho's schools.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**HMH Geometry** is a comprehensive program that develops and strengthens students' geometry knowledge and skills. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas, as they relate to students' problem-solving and reasoning. The units of **HMH AGA** Geometry are: *Unit 1: Transformations and Congruence* *Unit 2: Lines, Angles, and Triangles* *Unit 3: Quadrilaterals and Coordinate Proof* *Unit 4: Similarity* *Unit 5: Trigonometry* *Unit 6: Properties of Circles* *Unit 7: Measurement and Modeling in Two and Three Dimensions* *Unit 8: Probability*

HMH Geometry provides robust teacher support that begets effective, high-quality instruction for whole-group, small-group, and individual-level instruction and intervention. The Teacher Edition offers on-the-spot professional development and strategies that strengthen teachers' ability to engage students and provide enriching connections to mathematics while integrating the Standards for Mathematical Practices. The **HMH Geometry** teacher materials are organized and easy to use. In both print and digital formats, the Teacher Edition, ancillary materials, RTI and ELL resources, multimedia resources, assessments, and planning tools are logically organized to increase efficiency. Full support is provided for technology use and integration. The software and technology in the **HMH Geometry** program is described within this document.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Best Practices in Program Design:	The **HMH Geometry** program is an instructional program that promotes a balance of conceptual understanding, procedural fluency, and real-world application of the content. The program is built upon research and best practices and is organized by the 5E Model of Instruction (Engage, Explore, Explain, Elaborate, and Evaluate). This provides a lesson framework that guides students through research- and practice-based experiences that lead to deep conceptual understanding and prepares them for sustained success. The scaffolded instruction and student materials, as well as skill-building digital tools, provide a strong system that develops and sharpens procedural fluency. In **HMH Geometry**, students apply their knowledge to real-world scenarios, thus giving students opportunities to see the constant presence of mathematics in our lives. For example, a *Lesson Performance Task* asks students to determine the amount of money each person spent during a day at the amusement park. Students are asked to write an equation; represent the relation as a table, a graph, and a mapping diagram; find the domain and range; and determine whether the relation is a function. A *Module Performance Task* challenges students to analyze baseball statistics both numerically and graphically to help someone make sense of the runs-scored stats. Students are guided to success through the 5E Model of Instruction, and a variety of supporting and supplemental resources are just a click away. Higher-order thinking is incorporated into every lesson, and students experience real-world connections to the content through appealing scenarios, videos, tasks, and extension activities. At the module level, students' initial engagement begins with a *Real-World Video* and a prerequisite review called *Are You Ready?*. These features activate students' prior knowledge from earlier lessons and from previous grade-levels, guiding their connections to the module's topics. The program provides meaningful opportunities for students to apply the key takeaways from elementary-level mathematics, such as arithmetic fluency, familiarity with geometrical shapes, and the order of operations. At the lesson level, students begin with the *Engage* phase, in which students engage in inquiry and discovery while making connections to prior knowledge. During the *Engage* section, the class discusses the *Essential Question* and their preview of the *Lesson Performance Task.* Inquiry and discovery continue in the *Explore* section of the lesson, as students are introduced to the key points of the lesson with an interactive, highly scaffolded activity based on a real-world scenario. With these step-by-step supports, students find ways to interact with the mathematical concept while strengthening their conceptual understanding. As students move on to the *Explain* phase, they deepen their understanding of the concept/skill. This section presents organized information, stepped-out models, and scaffolded exercises. Students, then, show their increased level of understanding by explaining the concept and problem-solving procedures in the *Reflect* questions and completing problems with decreased scaffolding in *Your Turn* questions. In the *Elaborate* section, students provide written responses that detail the concept, the problem-solving procedures, and their abstract and quantitative reasoning. This section challenges students to put the facets of problem-solving into words, thereby extending their comprehension and retention. The *Elaborate* phase of the lesson also includes the *Essential Question Check-In,* which asks students to respond to the *Essential Question* based on what they have learned. Students continue to apply their learning in the *Evaluate* phase of the lesson by solving problems and justifying their procedures and reasoning. The *Evaluate* section includes questions from various Depth of Knowledge (DOK) levels, including questions labeled as *H.O.T.* (*Higher-Order Thinking*). The balance of conceptual understanding, procedural fluency, and real-world application is exemplified throughout **HMH Geometry**, especially in the *Math in Careers* activities, *Performance Tasks*, *Extension Activities,* and exercises on the *Personal Math Trainer.* The questions and tasks in **HMH Geometry** encourage development and application of critical thinking, problem-solving, and communication skills. Critical thinking skills are strengthened through question prompts involving reasoning, modeling, and making mathematical connections and *H.O.T.* questions that are included in every lesson. Problem-solving examples, exercises, and tutorials lead students through problem-solving steps and ask students to explain their solution process. Communication occurs with teacher-prompted discussion, *Collaborative Learning* activities, open-ended exercises, and *Journal* prompts.

Main Components & Ancillary Items Needed for Implementation:	In addition to the print materials, **HMH Geometry** includes high-quality resources and technology. **HMH Geometry** components boost students' engagement and learning and enhance teachers' efficiency and instruction. Along with the print Student Edition, Teacher Edition, resource guides, and assessment materials, notable **HMH Geometry**

	materials include technology and multimedia components that enhance teaching and learning, increase accessibility and efficiency, and engage today's generation of tech-savvy students.
	• *Teacher Dashboard*
	  ○ Provide quick access to *Teacher Resource Management Center*, assignments, planner, reports, program resources, presentation tools, and *Professional Development Videos* featuring program authors
	  ○ *Interactive Whiteboard Lessons*
	  ○ The *Teacher Resource Management Center* includes videos and downloadable PDF versions of the Teacher Edition, as well as editable versions of the assessments, differentiated/RTI materials, *Practice and Problem Solving* sheets, *Reading Strategies* sheets, *Success for English Learners* sheets, and lesson plans.
	• **HMH Geometry** online Interactive Teacher Edition
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	  ○ Embedded tools and one-click access to standards, background information, differentiated activities, and lesson resources
	  ○ Enhances instruction and engagement by providing interactive presentations
	• **HMH Geometry** Teacher Edition eBook
	  ○ Downloadable for online or offline use
	  ○ PDF versions of the Teacher Edition, as well as editable assessments, RTI/differentiated materials, supplemental worksheets, and lesson plans
	• *Student Dashboard* keeps students on track with helpful features.
	  ○ *Things to Do*
	  ○ *My Library*
	  ○ *My Score*
	  ○ Eliminates the issue of losing work because activities completed on the *HMH Player* and the Interactive Student Edition synchronize with the *Student Dashboard*
	• **HMH Geometry** online Interactive Student Edition is a dynamic and engaging approach to learning math and includes:
	  ○ A virtual write-in format
	  ○ Alternate content from the eStudent Edition
	  ○ Delivers access to embedded media, the *Personal Math Trainer,* and videos
	  ○ Multilingual eGlossary
	  ○ *iTools* and *Virtual Tools*
	  ○ Online assessment, intervention, and homework and online submission
	  ○ Available in Spanish
	• **HMH Geometry** Student Edition eBook
	  ○ Downloadable PDFs for online or offline use
	  ○ Includes the Student Edition, differentiated/RTI materials, videos, *Practice and Problem Solving* worksheets, *Reading Strategies* sheets, *Success for English Learners* sheets, and *Selected Answers*
	  ○ Available in Spanish
	• *Common Core Assessment Readiness Workbook and Teacher Guide* includes test preps that fit the rigor of the CCSS assessments.
	• The *HMH Player App* is an online, offline, and on-the-go all-in-one classroom application for students and teachers. All program materials and lesson resources, including embedded media, interactivities, assessments, planning tools, schedules, and reports are accessed via this one app.
	  ○ The *HMH Player App* delivers next-generation digital experience and is compatible with any Internet-enabled device, and all content can be accessed offline.

	○ *mySmartPlanner* enables teachers to easily plan classes, create and view assignments, and access all program resources in one place. Teachers can customize lessons and import their own content from outside the HMH program. ○ Digital engagement features, such as gamification, real-time chat with the teacher, and classroom collaboration are included. Students can "raise a hand" within the application to ask or answer questions. Within the *HMH Player*, students can collaborate, both in and out of the classroom, with the messaging capabilities. Teachers can set up and oversee study groups, provide activities that foster synergy among students and classes, and send notifications and immediate feedback to the whole class or to individual students. ○ *Virtual Tools,* available online and offline, allow students to explore interactively and practice key math concepts and skills. ○ Lost or forgotten work is no longer an issue with synchronization of the Interactive Online Student Edition and *Student Dashboard,* which are accessible through the *HMH Player*. Students can work online or offline without missing a beat. All teacher and student work done in *HMH Player* and the Online Editions sync with the *Dashboards*. ○ The *HMH Player* was awarded Best of Show at the 2014 International Society of Technology in Education (ISTE) Conference. • *Math on the Spot* tutorial videos are engaging tutorial videos, featuring program author Dr. Edward Burger, that accompany every example in the program, and give students step-by-step instructions and explanations of key math concepts. They are the perfect tool for students in need of additional support or an alternative approach to instruction. Viewers can access Spanish captioning. • *Real-World Videos,* presented by HMH author Dr. Michael Heithaus, are interesting and relevant applications of each module's mathematical content and are tied to each *Performance Task.* • QR codes in the print editions can take students to the *Student Resource Locker* and teachers to the *Professional Development Videos* with a quick scan. • The *Virtual Tools*, each with various features and functionality, included in **HMH Geometry** are: ○ *Algebra Tiles* ○ *Graphing Calculator* ○ *Scientific Calculator* ○ *Geometry Sketcher* ○ *Smart Grapher* ○ *Multilingual Glossary* ○ *Scratch Pad* • *Personal Math Trainer* provides individualized intervention, remediation, enrichment, homework, practice, and assessment. The *Personal Math Trainer* can be accessed through the online Interactive Student Edition and the *HMH Player*. ○ The *Personal Math Trainer* has capabilities for automatic assigning and scoring. ○ Personalized trajectories are designed for every student to ensure the most efficient path to achieving learning goals. Targeted recommendations for other assignments are given. ○ The *Personal Math Trainer* operates with a deep pool of data and content and constantly searches for trends to provide an early warning system and predict success or difficulty. ○ Large banks of items are included for all functions, including assessment. ○ Students who use the *Personal Math Trainer* build a lifelong profile that travels with them as they progress from grade to grade and can continue to build on the individual skills they mastered from years past. ○ Teachers have access to detailed views of their students' progress, learning styles, strengths, and needs. Predictive scores are available for upcoming assessments. ○ The *Personal Math Trainer* collects and compares student data on a national level, not just the

campus level. The more data gathered, the smarter the system becomes.

- Homework, quizzes, and tests are available in Spanish.

The **HMH AGA** program is compatible with Mac iOS®, Android™, and Windows® tablets; Mac OS® and Windows® desktops and laptops; and Chromebook™. Compatible browsers include Google Chrome™, Firefox®, Safari® (7.0 and up), Internet Explorer® (8 and up).

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

Houghton Mifflin Harcourt is committed to partnering with Idaho's teachers and administrators in the creation of a sustaining professional development plan that begins with initial implementation and extends into long-term professional development. HMH's Implementation Directors and Professional Development Specialists will work with the curriculum leaders to determine what training and delivery options best meet administrator and teacher needs. Blending face-to-face professional development with *AskHMH*™ online advice and video-based learning, our professional development services meet the day-to-day needs of educators. Services include advanced instructional workshops, coaching and demonstration lessons, best practices using technology, and performance assessment to ensure optimal student results. Our specialized team combines in-depth subject and product knowledge with classroom experience to support educators.

HMH is a major publisher of pre-K-12 programs with vast experience in implementing programs. Our framework for effective implementation is grounded in the following beliefs:

- Administrators are instructional leaders and are critical to a successful implementation.
- Effective implementation requires careful planning and utilization of district assets in combination with Houghton Mifflin Harcourt resources.
- Initial implementation training and feedback provides equity in understanding of the program component, resources, and instructional design.
- Ongoing, needs-based professional development is a hallmark of communities of practice and districts who have succeeded in raising achievement.

HMH's professional development programs are grounded in research and classroom practice. Each program provides rich and rigorous instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Even with such extensive support, HMH recognizes that ongoing professional development is necessary to build a foundational understanding of the program and pedagogy. Our goal is to build internal capacity by supporting your teachers, coaches, and leaders to get the results your districts expect and your students deserve.

With the purchase of **HMH AGA**, you will receive service entitlements that can be applied to the training courses listed below. A customized full-day training program can be designed to meet your specific professional development needs.

- *User Experience*: This session provides an overview of the program and instructional resources and provides a deeper understanding of differentiation, assessment, and technology to support successful implementation. (3 hours)
- *Effective Implementation of HMH AGA*: This course digs deeper into course-related technology and supports successful implementation of the program's digital components. (3 hours)
- *Coaching and Demonstration Lessons:* Choose a full day of product coaching or demonstration lessons and focus on deeper understanding, interpretation, and application of **HMH AGA** components. Professional Development Specialists provide immediate feedback on instructional practices, climate, delivery, and impact.
- *Differentiation and Intervention:* This advanced implementation workshop explores best practices for differentiation and intervention utilizing **HMH AGA** instructional support resources. Participants will learn how to integrate print and digital support, questioning strategies, and progress monitoring tools found in the program. (3 hours)
- *Assessment:* Preparing for high-stakes assessments requires a strategic instructional plan that includes incorporating short constructed responses, extended constructed responses, and performance tasks into daily teaching. The session gives a brief overview of the Common Core State Standards for Content and for Practice within the context of the Common Core Assessments. Teachers will inventory **HMH AGA** print and digital support for formative and summative assessment and learn how to best use these resources to inform instruction. (3 hours)
- *Mathematical Practices in the Classroom:* The Common Core State Standards for Mathematical Practice require teachers to teach mathematics with process and reasoning at the forefront. Participants will consider the "common language" interpretation of the Mathematical Practices and will discover ways to actively integrate the practices into daily instruction and assess their effectiveness. (3 hours)
- *Learning Environment:* This workshop focuses on creating a highly engaging, mathematically rigorous learning environment for **HMH AGA** students. Teachers will learn to incorporate common language and problem-solving with the aim of increasing mathematical discourse among their students. Digital tools and digital instruction will be part of this course. (3 hours)

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The **HMH Geometry** program resides in Houghton Mifflin Harcourt's digital platform, Houghton Mifflin Online Framework (HMOF) at my.hrw.com.
Cross Platform Functionality:	HMH's digital platform on my.hrw.com is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32- and 64-bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to my.hrw.com may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student and Teacher Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **HMH Geometry** program's tools and features.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** Houghton Mifflin Harcourt Algebra 2 Premium Classroom Package Upgraded	**Copyright:** 2015 **ISBN number:** 9780544670761
Subject Area: Mathematics	**Author(s):** (this must match Submission/Bid Form & Sample) Dr. Timothy D. Kanold Dr. Edward B. Burger Dr. Juli K. Dixon Dr. Matthew R. Larson Steven J. Leinwand	**Grade Level:** High School, Grades 9-12

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

Houghton Mifflin Harcourt Algebra 2 © 2015 (**HMH Algebra 2**), which is part of the **Houghton Mifflin Harcourt Algebra 1, Geometry, Algebra 2** (**HMH AGA**) program aligns to the Idaho Content Standards and the Common Core State Standards (CCSS). Please see the correlations that accompany this proposal for complete details.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**HMH Algebra 2** provides coherent, focused, and rigorous instruction through a blended learning approach. This digital-first program offers an interactive HTML pathway that is organized around the 5E Model of Instruction (Engage, Explore, Explain, Elaborate, and Evaluate) and built to meet 100 percent of the Common Core State Standards. The concise print offering showcases interactivity with a "less talking, more doing" approach to teaching mathematics. Developed for its 2015 release, **HMH Algebra 2** delivers current, relevant information that teachers and students connect with and the accuracy Idaho teachers and students can count on. Created to reach today's students in their preferred learning style and built around the groundbreaking *HMH Player™ App,* **HMH Algebra 2** is uniquely organized into modules, or content clusters, that allow students to make connections across mathematical domains, better preparing them for high-stakes assessments and college and career math. The digital student experience leverages the best in digital functionality and instructional design to engage students by meeting them where they are and taking them where they need to be. With the Mathematical Practices embedded in every lesson, the program engages and provides rigor and depth of understanding through interactivity, research-based instructional approaches, best practices, and differentiated instructional resources to ensure success for all students in Idaho's schools.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**HMH Algebra 2** is a comprehensive program that develops and strengthens students' algebra knowledge and skills. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas, as they relate to students' problem-solving and reasoning. The units of **HMH AGA** Algebra 2 are: *Unit 1: Functions* *Unit 2: Quadratic Functions, Equations, and Relations* *Unit 3: Polynomial Functions, Expressions, and Equations* *Unit 4: Rational Functions, Expressions, and Equations* *Unit 5: Radical Functions, Expressions, and Equations* *Unit 6: Exponential and Logarithmic Functions and Equations* *Unit 7: Trigonometric Functions* *Unit 8: Probability* *Unit 9: Statistics*

HMH Algebra 2 provides robust teacher support that begets effective, high-quality instruction for whole-group, small-group, and individual-level instruction and intervention. The Teacher Edition offers on-the-spot professional development and strategies that strengthen teachers' ability to engage students and provide enriching connections to mathematics while integrating the Standards for Mathematical Practices. The **HMH Algebra 2** teacher materials are organized and easy to use. In both print and digital formats, the Teacher Edition, ancillary materials, RTI and ELL resources, multimedia resources, assessments, and planning tools are logically organized to increase efficiency. Full support is provided for technology use and integration. The software and technology in the **HMH Algebra 2** program is described within this document.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Best Practices in Program Design:	The **HMH Algebra 2** program is an instructional program that promotes a balance of conceptual understanding, procedural fluency, and real-world application of the content. The program is built upon research and best practices and is organized by the 5E Model of Instruction (Engage, Explore, Explain, Elaborate, and Evaluate). This provides a lesson framework that guides students through research- and practice-based experiences that lead to deep conceptual understanding and prepares them for sustained success. The scaffolded instruction and student materials, as well as skill-building digital tools, provide a strong system that develops and sharpens procedural fluency. In **HMH Algebra 2**, students apply their knowledge to real-world scenarios, thus giving students opportunities to see the constant presence of mathematics in our lives. For example, a *Lesson Performance Task* asks students to determine the amount of money each person spent during a day at the amusement park. Students are asked to write an equation; represent the relation as a table, a graph, and a mapping diagram; find the domain and range; and determine whether the relation is a function. A *Module Performance Task* challenges students to analyze baseball statistics both numerically and graphically to help someone make sense of the runs-scored stats. Students are guided to success through the 5E Model of Instruction, and a variety of supporting and supplemental resources are just a click away. Higher-order thinking is incorporated into every lesson, and students experience real-world connections to the content through appealing scenarios, videos, tasks, and extension activities. At the module level, students' initial engagement begins with a *Real-World Video* and a prerequisite review called *Are You Ready?*. These features activate students' prior knowledge from earlier lessons and from previous grade-levels, guiding their connections to the module's topics. The program provides meaningful opportunities for students to apply the key takeaways from elementary-level mathematics, such as arithmetic fluency, familiarity with geometrical shapes, and the order of operations. At the lesson level, students begin with the *Engage* phase, in which students engage in inquiry and discovery while making connections to prior knowledge. During the *Engage* section, the class discusses the *Essential Question* and their preview of the *Lesson Performance Task.* Inquiry and discovery continue in the *Explore* section of the lesson, as students are introduced to the key points of the lesson with an interactive, highly scaffolded activity based on a real-world scenario. With these step-by-step supports, students find ways to interact with the mathematical concept while strengthening their conceptual understanding. As students move on to the *Explain* phase, they deepen their understanding of the concept/skill. This section presents organized information, stepped-out models, and scaffolded exercises. Students, then, show their increased level of understanding by explaining the concept and problem-solving procedures in the *Reflect* questions and completing problems with decreased scaffolding in *Your Turn* questions. In the *Elaborate* section, students provide written responses that detail the concept, the problem-solving procedures, and their abstract and quantitative reasoning. This section challenges students to put the facets of problem-solving into words, thereby extending their comprehension and retention. The *Elaborate* phase of the lesson also includes the *Essential Question Check-In,* which asks students to respond to the *Essential Question* based on what they have learned. Students continue to apply their learning in the *Evaluate* phase of the lesson by solving problems and justifying their procedures and reasoning. The *Evaluate* section includes questions from various Depth of Knowledge (DOK) levels, including questions labeled as *H.O.T.* (*Higher-Order Thinking*). The balance of conceptual understanding, procedural fluency, and real-world application is exemplified throughout **HMH Algebra 2**, especially in the *Math in Careers* activities, *Performance Tasks*, *Extension Activities,* and exercises on the *Personal Math Trainer.* The questions and tasks in **HMH Algebra 2** encourage development and application of critical thinking, problem-solving, and communication skills. Critical thinking skills are strengthened through question prompts involving

	reasoning, modeling, and making mathematical connections and *H.O.T.* questions that are included in every lesson. Problem-solving examples, exercises, and tutorials lead students through problem-solving steps and ask students to explain their solution process. Communication occurs with teacher-prompted discussion, *Collaborative Learning* activities, open-ended exercises, and *Journal* prompts.

Main Components & Ancillary Items Needed for Implementation:	In addition to the print materials, **HMH Algebra 2** includes high-quality resources and technology. **HMH Algebra 2** components boost students' engagement and learning and enhance teachers' efficiency and instruction. Along with the print Student Edition, Teacher Edition, resource guides, and assessment materials, notable **HMH Algebra 2** materials include technology and multimedia components that enhance teaching and learning, increase accessibility and efficiency, and engage today's generation of tech-savvy students.
	
	• *Teacher Dashboard*
	  ○ Provide quick access to *Teacher Resource Management Center*, assignments, planner, reports, program resources, presentation tools, and *Professional Development Videos* featuring program authors
	  ○ *Interactive Whiteboard Lessons*
	  ○ The *Teacher Resource Management Center* includes videos and downloadable PDF versions of the Teacher Edition, as well as editable versions of the assessments, differentiated/RTI materials, *Practice and Problem Solving* sheets, *Reading Strategies* sheets, *Success for English Learners* sheets, and lesson plans.
	• **HMH Algebra 2** online Interactive Teacher Edition
	  ○ Designed for ease-of-use
	  ○ Embedded tools and one-click access to standards, background information, differentiated activities, and lesson resources
	  ○ Enhances instruction and engagement by providing interactive presentations
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Answers

- Available in Spanish

- *Common Core Assessment Readiness Workbook and Teacher Guide* includes test preps that fit the rigor of the CCSS assessments.
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Professional Development /Training Required?

[X] **YES** [ ] **NO**

If applicable, explain in-service training, required, number of hours and fees associated with service:

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- *Effective Implementation of HMH AGA*: This course digs deeper into course-related technology and supports successful implementation of the program's digital components. (3 hours)
- *Coaching and Demonstration Lessons:* Choose a full day of product coaching or demonstration lessons and focus on deeper understanding, interpretation, and application of **HMH AGA** components. Professional Development Specialists provide immediate feedback on instructional practices, climate, delivery, and impact.
- *Differentiation and Intervention:* This advanced implementation workshop explores best practices for differentiation and intervention utilizing **HMH AGA** instructional support resources. Participants will learn how to integrate print and digital support, questioning strategies, and progress

monitoring tools found in the program. (3 hours)

- *Assessment:* Preparing for high-stakes assessments requires a strategic instructional plan that includes incorporating short constructed responses, extended constructed responses, and performance tasks into daily teaching. The session gives a brief overview of the Common Core State Standards for Content and for Practice within the context of the Common Core Assessments. Teachers will inventory **HMH AGA** print and digital support for formative and summative assessment and learn how to best use these resources to inform instruction. (3 hours)
- *Mathematical Practices in the Classroom:* The Common Core State Standards for Mathematical Practice require teachers to teach mathematics with process and reasoning at the forefront. Participants will consider the "common language" interpretation of the Mathematical Practices and will discover ways to actively integrate the practices into daily instruction and assess their effectiveness. (3 hours)
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Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The **HMH Algebra 2** program resides in Houghton Mifflin Harcourt's digital platform, Houghton Mifflin Online Framework (HMOF) at my.hrw.com.
Cross Platform Functionality:	HMH's digital platform on my.hrw.com is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32- and 64-bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to my.hrw.com may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student and Teacher Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **HMH Algebra 2** program's tools and features.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** Houghton Mifflin Harcourt Integrated Mathematics 1 Hybrid Classroom Package Upgraded	**Copyright:** 2015 **ISBN number:** 9780544670945
Subject Area: Mathematics	**Author(s):** Dr. Edward B. Burger, Dr. Juli K. Dixon, Dr. Timothy D. Kanold, Dr. Matthew R. Larson, Steven J. Leinwand	**Grade Level:** High School, Grades 9-12

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Houghton Mifflin Harcourt Integrated Mathematics 1, 2, 3 © 2015 is aligned to the Idaho Mathematics Content Standards and the Common Core State Standards for Mathematics. Please see the attached correlations for complete details.

Key Features: **(This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)**	**Houghton Mifflin Harcourt Integrated Mathematics 1** (**HMH Integrated Mathematics 1**), part of the **Houghton Mifflin Harcourt Integrated Mathematics 1, 2, 3** (**HMH Integrated Mathematics 1, 2, 3**) program, provides coherent, focused, and rigorous Common Core instruction though a blended learning approach. The program begins with a digital student experience organized around the 5E Model of Instruction (Engage, Explore, Explain, Elaborate, Evaluate) and follows an interactive HTML5 pathway. The concise print offering also showcases interactivity with a "less talking, more doing" approach to teaching mathematics. The program provides rigor and depth of understanding through interactive lessons, research-based instructional approaches, best practices, and differentiation of instructional resources to ensure success for all students. The program is distinguished from other programs by its: • Seamless integration of digital features reaching today's students in their preferred learning style • Digital course management tools which offer teachers flexibility in planning, instruction, and assessment for in-class or on-the-go learning • Focused, balanced, and rigorous instruction that encompasses the philosophy and intent of the standards • Digital-first solution, built around the groundbreaking *HMH Player*, which transcends the traditional approach of eBooks and online resources, providing an enhanced tablet-friendly digital experience for students, teachers, and parents • Personalized and adaptive instruction taken to the next level with *Personal Math Trainer*®, powered by Knewton™
Intended Use: **(spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)**	This research-based curriculum delivers the integrated pathway of the CCSS. Each course of the **HMH Integrated Mathematics 1, 2, 3** program combines algebra, geometry, probability, and statistics to develop a high level of conceptual understanding through mathematical connections. **HMH Integrated Mathematics 1, 2, 3** prepares students for the reality of math, with mathematical scenarios that naturally involve combinations of several math concepts. This combined print and digital program features a full-color and write-in design that allows students to immediately engage in the math. Units of **HMH Integrated Mathematics 1**: • Unit 1: Quantities and Modeling • Unit 2: Understanding Functions • Unit 3: Linear Functions, Equations, and Inequalities • Unit 4: Statistical Models • Unit 5: Linear Systems and Piecewise-Defined Functions • Unit 6: Exponential Relationships • Unit 7: Transformations and Congruence • Unit 8: Lines, Angles, and Triangles • Unit 9: Quadrilaterals and Coordinate Proof As a next-generation digital program, **HMH Integrated Mathematics 1** has been designed specifically with students in mind, featuring state-of-the-art videos, interactivities, and algorithmic assessments available at point-of-use. With digital components available both online and offline, **HMH Integrated Mathematics 1** offers enhanced levels of engagement, accessibility, and convenience. The program provides rigor and depth with increased accessibility for high school students. Embedded in every lesson are the Mathematical Practices and research-based and differentiated instructional approaches and resources, along with engaging interactivity, to ensure success for all students.

	The program arrives with Houghton Mifflin Harcourt's commitment to quality implementation training and ongoing professional development, featuring a wide range of on-site and online support. With **HMH Integrated Mathematics 1,** teachers and administrators will have all the instructional content, support materials, and technology tools to meet the goals set for Idaho's high school students.

Best Practices in Program Design:	The layout in print and digital editions is consistently structured, guiding students through each lesson in a predictable, organized way. The layout integrates visuals that aid comprehension and build mathematical skills.
	HMH Integrated Mathematics 1 is arranged logically and organized into modules, or content clusters, which allow students to make connections across mathematical domains and ideas. The *Are You Ready?* activity connects the topics and concepts of the module to prior knowledge from earlier lessons and grade levels. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas, as they relate to students' problem-solving and reasoning.
	HMH Integrated Mathematics 1 offers multiple modalities through which students can access the content, including multisensory learning, collaboration, scaffolding, and technology. With print and digital options, students are offered a variety of methods of engagement. The program has been designed to meet the needs and styles of individuals by integrating the Universal Design for Learning (UDL) principles into all components of the program.
	The program continually motivates and boosts mathematics learning by
	• Providing multiple means of representation.
	  ○ Information and content is presented in different ways through the use of models (virtual and authentic manipulatives and tools), multiple representations, and technology.
	  ○ The program presents information through auditory, visual, tactile, and kinesthetic ways. Text-to-speech audio capability is provided in the online Interactive Student Edition. A volume control button is included. Interactivities engage several senses without overwhelming or distracting learners.
	• Providing multiple means of action and expression.
	  ○ **HMH Integrated Mathematics 1** provides options for action and expression through a variety of models, manipulatives (virtual and authentic), discussion, and activities.
	  ○ Students can interact with the program through printed text, tablet, and/or computer. The program is designed to be navigated with ease on devices. Digital editions feature response types such as drag-and-drop, radio button, and free text (open response).
	  ○ Users of assistive technology can utilize the text-to-speech capability and virtual manipulatives.
	• Providing multiple means of engagement.
	  ○ **HMH Integrated Mathematics 1** is designed to stimulate interest and motivation for learning, through collaborative learning, investigations, hands-on methods for instruction and response, and interactions with technology.
	  ○ Students can choose the virtual and/or authentic tools and manipulatives that they have found to be most effective in successfully engaging them in the learning of specific concepts.
	  ○ The lesson format allows for a mixture of individual work (*Your Turn* and the *Personal Math Trainer,* for example) and collaboration, engaging different types of learners.
	HMH Integrated Mathematics 1 employs the 5E Model of Instruction (Engage, Explore, Explain, Elaborate, Evaluate) which promotes coherence by building upon previous understandings. The 5E Model provides a lesson framework that guides students through experiences that lead to deep conceptual understanding and prepares them for sustained success. The scaffolded instruction and student materials, as well as skill-building digital tools, provide a powerful system that develops and sharpens procedural fluency. In **HMH Integrated Mathematics 1**, students apply their knowledge to real-world scenarios, thus giving students opportunities to see the continual presence of mathematics in our lives. For example, a *Lesson Performance Task* asks students to determine which car dealership is offering the better deal — taking into account the cash-back offers and tax rates. A *Module Performance Task* in the program challenges students to analyze baseball statistics, both numerically and graphically, to help someone make sense of the runs-scored stats.
	Students are guided to success through the 5E Model of Instruction, and a variety of supporting and supplemental resources are just a click away. Higher-order thinking (*H.O.T.*) problems are incorporated into every lesson, and

	students experience real-world connections to the content through appealing scenarios, videos, tasks, and extension activities. The questions and tasks in **HMH Integrated Mathematics 3** encourage development and application of critical thinking, problem-solving, and communication skills. Critical thinking skills are strengthened through question prompts involving reasoning, modeling, and making mathematical connections, plus *H.O.T.* questions are included in every lesson. Problem-solving examples, exercises, and tutorials lead students through problem-solving steps and ask students to explain their solution process. Communication occurs with teacher-prompted discussion, *Collaborative Learning* activities, open-ended exercises, and *Journal* prompts. Real-world applications of algebra, geometry, trigonometry, statistics, and probability are powerfully presented in **HMH Integrated Mathematics 1, 2, 3**. The program provides questions that are at a variety of levels and address thought-provoking, world issues that allow students to make connections outside the classroom. The content is packed with realistic, relatable scenarios with which teens connect. Activities were carefully created to appeal to learners of all levels and learning modalities, and instructional notes in the Teacher Edition support engaging discussions, critical thought, and connection-making. Concrete, relatable applications of mathematics are the highlight of *Math in Careers* tasks and *Real-World Videos* that provide models of specific math concepts in everyday situations. *Performance Tasks, Math in Careers*, and cross-disciplinary activities give students opportunities to solve multiple single- and multi-step problems as they synthesize and apply what they have learned to real-world scenarios. The relevant exercises in **HMH Integrated Mathematics 1** focus on the presence of mathematics in leisure and work life and in areas like architecture, construction, economics, and meteorology.

Main Components & Ancillary Items Needed for Implementation:	In addition to the print materials, **HMH Integrated Mathematics 1** includes high-quality resources and technology. **HMH Integrated Mathematics 1** components boost students' engagement and learning and enhance teachers' efficiency and instruction. Along with the print Student Edition, Teacher Edition, resource guides, and assessment materials, notable **HMH Integrated Mathematics 1** materials include technology and multimedia components that enhance teaching and learning, increase accessibility and efficiency, and engage today's generation of tech-savvy students.
	• *Teacher Dashboard*
	  ○ Provides quick access to *Teacher Resource Management Center*, assignments, planner, reports, program resources, presentation tools, and *Professional Development Videos* featuring program authors
	  ○ *Interactive Whiteboard Lessons*
	  ○ The *Teacher Resource Management Center* includes videos and downloadable PDF versions of the Teacher Edition, as well as editable versions of the assessments, differentiated/RTI materials, *Practice and Problem Solving* sheets, *Reading Strategies* sheets, *Success for English Learners* sheets, and lesson plans.
	• **HMH Integrated Mathematics 1** online Interactive Teacher Edition
	  ○ Designed for ease-of-use
	  ○ Embedded tools and one-click access to standards, background information, differentiated activities, and lesson resources
	  ○ Enhances instruction and engagement by providing interactive presentations
	• **HMH Integrated Mathematics 1** Teacher Edition eBook
	  ○ Downloadable for online or offline use
	  ○ PDF versions of the Teacher Edition, as well as editable assessments, RTI/differentiated materials, supplemental worksheets, and lesson plans
	• *Student Dashboard* keeps students on track with these helpful features:
	  ○ *Things to Do*
	  ○ *My Library*
	  ○ *My Score*
	  ○ Eliminates the issue of losing work because activities completed on the *HMH Player* and the Interactive Student Edition synchronize with the *Student Dashboard*
	• **HMH Integrated Mathematics 1** online Interactive Student Edition is a dynamic and engaging

approach to learning math and includes:

- A virtual write-in format
- Alternate content from the eStudent Edition
- Delivers access to embedded media, the *Personal Math Trainer,* and videos
- Multilingual eGlossary
- *Virtual Tools* virtual manipulatives
- Online assessment, intervention, and homework and online submission
- Available in Spanish

- **HMH Integrated Mathematics 1** Student Edition eBook
  - Downloadable PDFs for online or offline use
  - Includes the Student Edition, differentiated/RTI materials, videos, *Practice and Problem Solving* worksheets, *Reading Strategies* sheets, *Success for English Learners* sheets, and *Selected Answers*
  - Available in Spanish
- The *HMH Player* is an online, offline, and on-the-go all-in-one classroom application for students and teachers. All program materials and lesson resources, including embedded media, interactivities, assessments, planning tools, schedules, and reports are accessed via this one app.
  - The *HMH Player App* delivers next-generation digital experience and is compatible with any Internet-enabled device, and all content can be accessed offline.
  - *mySmartPlanner* enables teachers to easily plan classes, create and view assignments, and access all program resources in one place. Teachers can customize lessons and import their own content from outside the HMH program.
  - Digital engagement features, such as gamification, real-time chat with the teacher, and classroom collaboration are included. Students can “raise a hand” within the application to ask or answer questions. Within the *HMH Player*, students can collaborate, both in and out of the classroom, with the messaging capabilities. Teachers can set up and oversee study groups, provide activities that foster synergy among students and classes, and send notifications and immediate feedback to the whole class or to individual students.
  - *Virtual Tools,* available online and offline, allow students to explore interactively and practice key math concepts and skills.
  - Lost or forgotten work is no longer an issue with synchronization of the online Interactive Student Edition and *Student Dashboard,* which are accessible through the *HMH Player*. Students can work online or offline without missing a beat. All teacher and student work done in *HMH Player* and the Online Editions sync with the *Dashboards*.
  - The *HMH Player* was awarded Best of Show at the 2014 International Society of Technology in Education (ISTE) Conference.
- *Math on the Spot* tutorial videos are engaging tutorial videos, featuring program author Dr. Edward Burger, that accompany every example in the program, and give students step-by-step instructions and explanations of key math concepts. They are the perfect tool for students in need of additional support or an alternative approach to instruction. Viewers can access Spanish captioning.
- *Real-World Videos,* presented by HMH author Dr. Michael Heithaus, are interesting and relevant applications of each module’s mathematical content and are tied to each *Performance Task.*
- QR codes in the print editions can take students to the *Student Resource Locker* and teachers to the *Professional Development Videos* with a quick scan.
- The *Virtual Tools*, each with various features and functionality, included in **HMH Integrated Mathematics 1** are:
  - *Algebra Tiles*
  - *Graphing Calculator*
  - *Scientific Calculator*
  - *Geometry Sketcher*
  - *Smart Grapher*

- *Multilingual Glossary*
- *Scratch Pad*

- *Personal Math Trainer* provides individualized intervention, remediation, enrichment, homework, practice, and assessment. The *Personal Math Trainer* can be accessed through the online Interactive Student Edition and the *HMH Player*.
  - The *Personal Math Trainer* has capabilities for automatic assigning and scoring.
  - Personalized trajectories are designed for every student to ensure the most efficient path to achieving learning goals. Targeted recommendations for other assignments are given.
  - The *Personal Math Trainer* operates with a deep pool of data and content and constantly searches for trends to provide an early warning system and predict success or difficulty.
  - Large banks of items are included for all functions, including assessment.
  - Students who use the *Personal Math Trainer* build a lifelong profile that travels with them as they progress from grade to grade and can continue to build on the individual skills they mastered from years past.
  - Teachers have access to detailed views of their students' progress, learning styles, strengths, and needs. Predictive scores are available for upcoming assessments.
  - The *Personal Math Trainer* collects and compares student data on a national level, not just the campus level. The more data gathered, the smarter the system becomes.
  - Homework, quizzes, and tests are available in Spanish.
- *Common Core Assessment Readiness Workbook and Teacher Guide* includes test preps that fit the rigor of the CCSS assessments.
- The *Teacher Resource Management Center* includes *Professional Development Videos* with program authors Dr. Juli Dixon and Dr. Matt Larson modeling best practices for integrating specific mathematical practices into the classroom. Each lesson in the *Teacher Resource Management Center* includes suggestions for integrating a specific mathematical practice into lesson instruction. The *Teacher Resource Management Center* also includes tips and *Questioning Strategies* aligned to specific practices.

The **HMH Integrated Mathematics 1, 2, 3** program is compatible with Mac iOS®, Android™, and Windows® tablets; Mac OS® and Windows® desktops and laptops; and Chromebook™. Compatible browsers include Google Chrome™, Firefox®, Safari® (7.0 and up), Internet Explorer® (8 and up).

Professional Development /Training Required? [X] **YES** [ ]

Houghton Mifflin Harcourt is committed to partnering with Idaho teachers and administrators in the creation of a sustaining professional development plan that begins with initial implementation and extends into long-term professional development. HMH's Implementation Directors and Professional Development Specialists will work with the Idaho curriculum leaders to determine what training and delivery options best meet administrator and teacher needs. Blending onsite professional development with *AskHMH*™online advice and video-based learning, our Professional Development Services meet the day-to-day needs of educators. Services include advanced instructional workshops, coaching and demonstration lessons, best practices using technology, and performance assessment to ensure optimal student results. Our specialized team combines in-depth subject and product knowledge with classroom experience to support educators.

HMH is a major publisher of pre-K-12 programs with vast experience in implementing programs. Our framework for effective implementation is grounded in the following beliefs:

- Administrators are instructional leaders and are critical to a successful implementation.
- Effective implementation requires careful planning and utilization of district assets in combination with Houghton Mifflin Harcourt resources.
- Initial implementation training and feedback provides equity in understanding of the program component, resources, and instructional design.
- Ongoing, needs-based professional development is a hallmark of communities of practice and districts who have succeeded in raising achievement.

HMH's professional development programs are grounded in research and classroom practice. Each program provides rich and rigorous instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Even with such extensive support, HMH recognizes that ongoing professional development is necessary to build a foundational understanding of the program and pedagogy. Our goal is to build internal capacity by supporting your teachers, coaches, and leaders to get the results your districts expect and your students deserve.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

With the purchase of **HMH Integrated Mathematics 1, 2, 3**, you will receive service entitlements that can be applied to the training courses listed below. A customized full-day training program can be designed to meet your specific professional development needs.

- *User Experience*: This session provides an overview of the program and instructional resources and provides a deeper understanding of differentiation, assessment, and technology to support successful implementation. (3 hours)
- *Effective Implementation of HMH Integrated Mathematics 1, 2, 3*: This course digs deeper into course-related technology and supports successful implementation of the program's digital components. (3 hours)
- *Coaching and Demonstration Lessons:* Choose a full day of product coaching or demonstration lessons and focus on deeper understanding, interpretation, and application of **HMH Integrated Mathematics 1, 2, 3** components. Professional Development Specialists provide immediate feedback on instructional practices, climate, delivery, and impact.
- *Differentiation and Intervention:* This advanced implementation workshop explores best practices for differentiation and intervention utilizing **HMH Integrated Mathematics 1, 2, 3** instructional support resources. Participants will learn how to integrate print and digital support, questioning strategies, and progress monitoring tools found in the program. (3 hours)
- *Assessment:* Preparing for high-stakes assessments requires a strategic instructional plan that includes incorporating short constructed responses, extended constructed responses, and performance tasks into daily teaching. The session gives a brief overview of the Common Core State Standards for Content and for Practice within the context of the Common Core Assessments. Teachers will inventory **HMH Integrated Mathematics 1, 2, 3** print and digital support for formative and summative assessment and learn how to best use these resources to inform instruction. (3 hours)
- *Mathematical Practices in the Classroom:* The Common Core State Standards for Mathematical Practice require teachers to teach mathematics with process and reasoning at the forefront. Participants will consider the "common language" interpretation of the Mathematical Practices and will discover ways to actively integrate the practices into daily instruction and assess their effectiveness. (3 hours)
- *Learning Environment:* This workshop focuses on creating a highly engaging, mathematically rigorous learning environment for **HMH Integrated Mathematics 1, 2, 3** students. Teachers will learn to incorporate common language and problem-solving with the aim of increasing mathematical discourse among their students. Digital tools and digital instruction will be part of this course. (3 hours)

Full disclosure for digital materials: (please complete for digital curricular materials only)

Platform:	The **HMH Integrated Mathematics 1, 2, 3** program resides in Houghton Mifflin Harcourt's digital platform, Houghton Mifflin Online Framework (HMOF) at my.hrw.com.
Cross Platform Functionality:	HMH's digital platform my.hrw.com is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices.
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32 and 64 bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to my.hrw.com may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student and Teacher Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **HMH Integrated Mathematics 1** program's tools and features.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** Houghton Mifflin Harcourt Integrated Mathematics 2 Hybrid Classroom Package Upgraded	**Copyright:** 2015 **ISBN number:** 9780544671102
Subject Area: Mathematics	**Author(s):** Dr. Edward B. Burger, Dr. Juli K. Dixon, Dr. Timothy D. Kanold, Dr. Matthew R. Larson, Steven J. Leinwand	**Grade Level:** High School, Grades 9-12

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Houghton Mifflin Harcourt Integrated Mathematics 1, 2, 3 © 2015 is aligned to the Idaho Mathematics Content Standards and the Common Core State Standards for Mathematics. Please see the attached correlations for complete details.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**Houghton Mifflin Harcourt Integrated Mathematics 2** (**HMH Integrated Mathematics 2**), part of the **Houghton Mifflin Harcourt Integrated Mathematics 1, 2, 3** (**HMH Integrated Mathematics 1, 2, 3**) program, provides coherent, focused, and rigorous Common Core instruction though a blended learning approach. The program begins with a digital student experience organized around the 5E Model of Instruction (Engage, Explore, Explain, Elaborate, Evaluate) and follows an interactive HTML5 pathway. The concise print offering also showcases interactivity with a "less talking, more doing" approach to teaching mathematics. The program provides rigor and depth of understanding through interactive lessons, research-based instructional approaches, best practices, and differentiation of instructional resources to ensure success for all students. The program is distinguished from other programs by its: • Seamless integration of digital features reaching today's students in their preferred learning style • Digital course management tools which offer teachers flexibility in planning, instruction, and assessment for in-class or on-the-go learning • Focused, balanced, and rigorous instruction that encompasses the philosophy and intent of the standards • Digital-first solution, built around the groundbreaking *HMH Player*, which transcends the traditional approach of eBooks and online resources, providing an enhanced tablet-friendly digital experience for students, teachers, and parents • Personalized and adaptive instruction taken to the next level with *Personal Math Trainer*®, powered by Knewton™
Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This research-based curriculum delivers the integrated pathway of the CCSS. Each course of the **HMH Integrated Mathematics 1, 2, 3** program combines algebra, geometry, probability, and statistics to develop a high level of conceptual understanding through mathematical connections. **HMH Integrated Mathematics 1, 2, 3** prepares students for the reality of math, with mathematical scenarios that naturally involve combinations of several math concepts. This combined print and digital program features a full-color and write-in design that allows students to immediately engage in the math. Units of **HMH Integrated Mathematics 2**: • Unit 1: Characteristics of Functions • Unit 2: Polynomial Operations • Unit 3: Quadratic Functions • Unit 4: Quadratic Equations and Models • Unit 5: Extending Quadratic Equations • Unit 6: Geometric Proof • Unit 7: Similarity and Right Triangles • Unit 8: Properties of Circles • Unit 9: Volume • Unit 10: Understanding Probability As a next-generation digital program, **HMH Integrated Mathematics 2** has been designed specifically with students in mind, featuring state-of-the-art videos, interactivities, and algorithmic assessments available at point-of-use. With digital components available both online and offline, **HMH Integrated Mathematics 2** offers enhanced levels of engagement, accessibility, and convenience. The program provides rigor and depth with increased accessibility for high school students. Embedded in every lesson are the Mathematical Practices and research-based and differentiated instructional approaches and

	resources, along with engaging interactivity, to ensure success for all students. The program arrives with Houghton Mifflin Harcourt's commitment to quality implementation training and ongoing professional development, featuring a wide range of on-site and online support. With **HMH Integrated Mathematics 2,** teachers and administrators will have all the instructional content, support materials, and technology tools to meet the goals set for Idaho's high school students.

Best Practices in Program Design:	The layout in print and digital editions is consistently structured, guiding students through each lesson in a predictable, organized way. The layout integrates visuals that aid comprehension and build mathematical skills.
	HMH Integrated Mathematics 2 is arranged logically and organized into modules, or content clusters, which allow students to make connections across mathematical domains and ideas. The *Are You Ready?* activity connects the topics and concepts of the module to prior knowledge from earlier lessons and grade levels. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas, as they relate to students' problem-solving and reasoning.
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	resources are just a click away. Higher-order thinking (*H.O.T.*) problems are incorporated into every lesson, and students experience real-world connections to the content through appealing scenarios, videos, tasks, and extension activities. The questions and tasks in **HMH Integrated Mathematics 2** encourage development and application of critical thinking, problem-solving, and communication skills. Critical thinking skills are strengthened through question prompts involving reasoning, modeling, and making mathematical connections, plus *H.O.T.* questions are included in every lesson. Problem-solving examples, exercises, and tutorials lead students through problem-solving steps and ask students to explain their solution process. Communication occurs with teacher-prompted discussion, *Collaborative Learning* activities, open-ended exercises, and *Journal* prompts. Real-world applications of algebra, geometry, trigonometry, statistics, and probability are powerfully presented in **HMH Integrated Mathematics 1, 2, 3**. The program provides questions that are at a variety of levels and address thought-provoking, world issues that allow students to make connections outside the classroom. The content is packed with realistic, relatable scenarios with which teens connect. Activities were carefully created to appeal to learners of all levels and learning modalities, and instructional notes in the Teacher Edition support engaging discussions, critical thought, and connection-making. Concrete, relatable applications of mathematics are the highlight of *Math in Careers* tasks and *Real-World Videos* that provide models of specific math concepts in everyday situations. *Performance Tasks, Math in Careers*, and cross-disciplinary activities give students opportunities to solve multiple single- and multi-step problems as they synthesize and apply what they have learned to real-world scenarios. The relevant exercises in **HMH Integrated Mathematics 2** focus on the presence of mathematics in leisure and work life and in areas like architecture, construction, economics, and meteorology.

Main Components & Ancillary Items Needed for Implementation:	In addition to the print materials, **HMH Integrated Mathematics 2** includes high-quality resources and technology. **HMH Integrated Mathematics 2** components boost students' engagement and learning and enhance teachers' efficiency and instruction. Along with the print Student Edition, Teacher Edition, resource guides, and assessment materials, notable **HMH Integrated Mathematics 2** materials include technology and multimedia components that enhance teaching and learning, increase accessibility and efficiency, and engage today's generation of tech-savvy students.
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	  ○ Provides quick access to *Teacher Resource Management Center*, assignments, planner, reports, program resources, presentation tools, and *Professional Development Videos* featuring program authors
	  ○ *Interactive Whiteboard Lessons*
	  ○ The *Teacher Resource Management Center* includes videos and downloadable PDF versions of the Teacher Edition, as well as editable versions of the assessments, differentiated/RTI materials, *Practice and Problem Solving* sheets, *Reading Strategies* sheets, *Success for English Learners* sheets, and lesson plans.
	• **HMH Integrated Mathematics 2** online Interactive Teacher Edition
	  ○ Designed for ease-of-use
	  ○ Embedded tools and one-click access to standards, background information, differentiated activities, and lesson resources
	  ○ Enhances instruction and engagement by providing interactive presentations
	• **HMH Integrated Mathematics 2** Teacher Edition eBook
	  ○ Downloadable for online or offline use
	  ○ PDF versions of the Teacher Edition, as well as editable assessments, RTI/differentiated materials, supplemental worksheets, and lesson plans
	• *Student Dashboard* keeps students on track with these helpful features:
	  ○ *Things to Do*
	  ○ *My Library*
	  ○ *My Score*
	  ○ Eliminates the issue of losing work because activities completed on the *HMH Player* and the Interactive Student Edition synchronize with the *Student Dashboard*

- **HMH Integrated Mathematics 2** online Interactive Student Edition is a dynamic and engaging approach to learning math and includes:
  - A virtual write-in format
  - Alternate content from the eStudent Edition
  - Delivers access to embedded media, the *Personal Math Trainer,* and videos
  - Multilingual eGlossary
  - *Virtual Tools* virtual manipulatives
  - Online assessment, intervention, and homework and online submission
  - Available in Spanish
- **HMH Integrated Mathematics 2** Student Edition eBook
  - Downloadable PDFs for online or offline use
  - Includes the Student Edition, differentiated/RTI materials, videos, *Practice and Problem Solving* worksheets, *Reading Strategies* sheets, *Success for English Learners* sheets, and *Selected Answers*
  - Available in Spanish
- The *HMH Player* is an online, offline, and on-the-go all-in-one classroom application for students and teachers. All program materials and lesson resources, including embedded media, interactivities, assessments, planning tools, schedules, and reports are accessed via this one app.
  - The *HMH Player App* delivers next-generation digital experience and is compatible with any Internet-enabled device, and all content can be accessed offline.
  - *mySmartPlanner* enables teachers to easily plan classes, create and view assignments, and access all program resources in one place. Teachers can customize lessons and import their own content from outside the HMH program.
  - Digital engagement features, such as gamification, real-time chat with the teacher, and classroom collaboration are included. Students can “raise a hand” within the application to ask or answer questions. Within the *HMH Player*, students can collaborate, both in and out of the classroom, with the messaging capabilities. Teachers can set up and oversee study groups, provide activities that foster synergy among students and classes, and send notifications and immediate feedback to the whole class or to individual students.
  - *Virtual Tools,* available online and offline, allow students to explore interactively and practice key math concepts and skills.
  - Lost or forgotten work is no longer an issue with synchronization of the online Interactive Student Edition and *Student Dashboard,* which are accessible through the *HMH Player*. Students can work online or offline without missing a beat. All teacher and student work done in *HMH Player* and the Online Editions sync with the *Dashboards*.
  - The *HMH Player* was awarded Best of Show at the 2014 International Society of Technology in Education (ISTE) Conference.
- *Math on the Spot* tutorial videos are engaging tutorial videos, featuring program author Dr. Edward Burger, that accompany every example in the program, and give students step-by-step instructions and explanations of key math concepts. They are the perfect tool for students in need of additional support or an alternative approach to instruction. Viewers can access Spanish captioning.
- *Real-World Videos,* presented by HMH author Dr. Michael Heithaus, are interesting and relevant applications of each module’s mathematical content and are tied to each *Performance Task.*
- QR codes in the print editions can take students to the *Student Resource Locker* and teachers to the *Professional Development Videos* with a quick scan.
- The *Virtual Tools*, each with various features and functionality, included in **HMH Integrated Mathematics 2** are:
  - *Algebra Tiles*
  - *Graphing Calculator*
  - *Scientific Calculator*
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- *Smart Grapher*
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- *Personal Math Trainer* provides individualized intervention, remediation, enrichment, homework, practice, and assessment. The *Personal Math Trainer* can be accessed through the online Interactive Student Edition and the *HMH Player*.
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  - Personalized trajectories are designed for every student to ensure the most efficient path to achieving learning goals. Targeted recommendations for other assignments are given.
  - The *Personal Math Trainer* operates with a deep pool of data and content and constantly searches for trends to provide an early warning system and predict success or difficulty.
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- *Common Core Assessment Readiness Workbook and Teacher Guide* includes test preps that fit the rigor of the CCSS assessments.
- The *Teacher Resource Management Center* includes *Professional Development Videos* with program authors Dr. Juli Dixon and Dr. Matt Larson modeling best practices for integrating specific mathematical practices into the classroom. Each lesson in the *Teacher Resource Management Center* includes suggestions for integrating a specific mathematical practice into lesson instruction. The *Teacher Resource Management Center* also includes tips and *Questioning Strategies* aligned to specific practices.

The **HMH Integrated Mathematics 1, 2, 3** program is compatible with Mac iOS®, Android™, and Windows® tablets; Mac OS® and Windows® desktops and laptops; and Chromebook™. Compatible browsers include Google Chrome™, Firefox®, Safari® (7.0 and up), Internet Explorer® (8 and up).

Professional Development /Training Required?

[X] **YES** [ ] **NO**

Houghton Mifflin Harcourt is committed to partnering with Idaho teachers and administrators in the creation of a sustaining professional development plan that begins with initial implementation and extends into long-term professional development. HMH's Implementation Directors and Professional Development Specialists will work with the Idaho curriculum leaders to determine what training and delivery options best meet administrator and teacher needs. Blending onsite professional development with *AskHMH*™ online advice and video-based learning, our Professional Development Services meet the day-to-day needs of educators. Services include advanced instructional workshops, coaching and demonstration lessons, best practices using technology, and performance assessment to ensure optimal student results. Our specialized team combines in-depth subject and product knowledge with classroom experience to support educators.

HMH is a major publisher of pre-K-12 programs with vast experience in implementing programs. Our framework for effective implementation is grounded in the following beliefs:

- Administrators are instructional leaders and are critical to a successful implementation.
- Effective implementation requires careful planning and utilization of district assets in combination with Houghton Mifflin Harcourt resources.
- Initial implementation training and feedback provides equity in understanding of the program component, resources, and instructional design.
- Ongoing, needs-based professional development is a hallmark of communities of practice and districts who have succeeded in raising achievement.

HMH's professional development programs are grounded in research and classroom practice. Each program provides rich and rigorous instructional materials that offer easy planning, options, and suggestions for every stage of instruction. Even with such extensive support, HMH recognizes that ongoing professional development is necessary to build a foundational understanding of the program and pedagogy. Our goal is to build internal capacity by supporting your

teachers, coaches, and leaders to get the results your districts expect and your students deserve.

With the purchase of **HMH Integrated Mathematics 1, 2, 3**, you will receive service entitlements that can be applied to the training courses listed below. A customized full-day training program can be designed to meet your specific professional development needs.

- *User Experience*: This session provides an overview of the program and instructional resources and provides a deeper understanding of differentiation, assessment, and technology to support successful implementation. (3 hours)
- *Effective Implementation of HMH Integrated Mathematics 1, 2, 3*: This course digs deeper into course-related technology and supports successful implementation of the program's digital components. (3 hours)
- *Coaching and Demonstration Lessons:* Choose a full day of product coaching or demonstration lessons and focus on deeper understanding, interpretation, and application of **HMH Integrated Mathematics 1, 2, 3** components. Professional Development Specialists provide immediate feedback on instructional practices, climate, delivery, and impact.
- *Differentiation and Intervention:* This advanced implementation workshop explores best practices for differentiation and intervention utilizing **HMH Integrated Mathematics 1, 2, 3** instructional support resources. Participants will learn how to integrate print and digital support, questioning strategies, and progress monitoring tools found in the program. (3 hours)
- *Assessment:* Preparing for high-stakes assessments requires a strategic instructional plan that includes incorporating short constructed responses, extended constructed responses, and performance tasks into daily teaching. The session gives a brief overview of the Common Core State Standards for Content and for Practice within the context of the Common Core Assessments. Teachers will inventory **HMH Integrated Mathematics 1, 2, 3** print and digital support for formative and summative assessment and learn how to best use these resources to inform instruction. (3 hours)
- *Mathematical Practices in the Classroom:* The Common Core State Standards for Mathematical Practice require teachers to teach mathematics with process and reasoning at the forefront. Participants will consider the "common language" interpretation of the Mathematical Practices and will discover ways to actively integrate the practices into daily instruction and assess their effectiveness. (3 hours)
- *Learning Environment:* This workshop focuses on creating a highly engaging, mathematically rigorous learning environment for **HMH Integrated Mathematics 1, 2, 3** students. Teachers will learn to incorporate common language and problem-solving with the aim of increasing mathematical discourse among their students. Digital tools and digital instruction will be part of this course. (3 hours)

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The **HMH Integrated Mathematics 1, 2, 3** program resides in Houghton Mifflin Harcourt's digital platform, Houghton Mifflin Online Framework (HMOF) at my.hrw.com.
Cross Platform Functionality:	HMH's digital platform my.hrw.com is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32 and 64 bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to my.hrw.com may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student and Teacher Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **HMH Integrated Mathematics 2** program's tools and features.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Houghton Mifflin Harcourt	**Title of Material:** Houghton Mifflin Harcourt Integrated Mathematics 3 Hybrid Classroom Package Upgraded	**Copyright:** 2015 **ISBN number:** 9780544671263
Subject Area: Mathematics	**Author(s):** Dr. Edward B. Burger, Dr. Juli K. Dixon, Dr. Timothy D. Kanold, Dr. Matthew R. Larson, Steven J. Leinwand	**Grade Level:** High School, Grades 9-12

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Houghton Mifflin Harcourt Integrated Mathematics 1, 2, 3 © 2015 is aligned to the Idaho Mathematics Content Standards and the Common Core State Standards for Mathematics. Please see the attached correlations for complete details.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**Houghton Mifflin Harcourt Integrated Mathematics 3** (**HMH Integrated Mathematics 3**), part of the **Houghton Mifflin Harcourt Integrated Mathematics 1, 2, 3** (**HMH Integrated Mathematics 1, 2, 3**) program, provides coherent, focused, and rigorous Common Core instruction though a blended learning approach. The program begins with a digital student experience organized around the 5E Model of Instruction (Engage, Explore, Explain, Elaborate, Evaluate) and follows an interactive HTML5 pathway. The concise print offering also showcases interactivity with a "less talking, more doing" approach to teaching mathematics. The program provides rigor and depth of understanding through interactive lessons, research-based instructional approaches, best practices, and differentiation of instructional resources to ensure success for all students. The program is distinguished from other programs by its • Seamless integration of digital features reaching today's students in their preferred learning style • Digital course management tools which offer teachers flexibility in planning, instruction, and assessment for in-class or on-the-go learning • Focused, balanced, and rigorous instruction that encompasses the philosophy and intent of the standards • Digital-first solution, built around the groundbreaking *HMH Player*, which transcends the traditional approach of eBooks and online resources, providing an enhanced tablet-friendly digital experience for students, teachers, and parents • Personalized and adaptive instruction taken to the next level with *Personal Math Trainer*®, powered by Knewton™
Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	This research-based curriculum delivers the integrated pathway of the CCSS. Each course of the **HMH Integrated Mathematics 1, 2, 3** program combines algebra, geometry, probability, and statistics to develop a high level of conceptual understanding through mathematical connections. **HMH Integrated Mathematics 1, 2, 3** prepares students for the reality of math, with mathematical scenarios that naturally involve combinations of several math concepts. This combined print and digital program features a full-color and write-in design that allows students to immediately engage in the math. Units of **HMH Integrated Mathematics 3**: • Unit 1: Methods for Reasoning with Geometry • Unit 2: Measurement and Modeling in Two and Three Dimensions • Unit 3: Polynomial Functions, Expressions, and Equations • Unit 4: Rational Functions, Expressions, and Equations • Unit 5: Radical Functions, Expressions, and Equations • Unit 6: Exponential and Logarithmic Functions and Equations • Unit 7: Trigonometric Functions • Unit 8: Statistics and Decision-Making • Unit 9: Properties of Circles As a next-generation digital program, **HMH Integrated Mathematics 3** has been designed specifically with students in mind, featuring state-of-the-art videos, interactivities, and algorithmic assessments available at point-of-use. With digital components available both online and offline, **HMH Integrated Mathematics 3** offers enhanced levels of engagement, accessibility, and convenience. The program provides rigor and depth with increased accessibility for high school students. Embedded in every lesson are the Mathematical Practices and research-based and differentiated instructional approaches and resources, along with engaging interactivity, to ensure success for all students.

	The program arrives with Houghton Mifflin Harcourt's commitment to quality implementation training and ongoing professional development, featuring a wide range of on-site and online support. With **HMH Integrated Mathematics 3,** teachers and administrators will have all the instructional content, support materials, and technology tools to meet the goals set for Idaho's high school students.

Best Practices in Program Design:	The layout in print and digital editions is consistently structured, guiding students through each lesson in a predictable, organized way. The layout integrates visuals that aid comprehension and build mathematical skills.
	HMH Integrated Mathematics 3 is arranged logically and organized into modules, or content clusters, which allow students to make connections across mathematical domains and ideas. The *Are You Ready?* activity connects the topics and concepts of the module to prior knowledge from earlier lessons and grade levels. As students progress through the curriculum, they repeatedly use skills from other mathematical ideas along with their current learning. Instructional notes help teachers explicitly describe the interconnectedness of math ideas as they relate to students' problem-solving and reasoning.
	HMH Integrated Mathematics 3 offers multiple modalities through which students can access the content, including multisensory learning, collaboration, scaffolding, and technology. With print and digital options, students are offered a variety of methods of engagement. The program has been designed to meet the needs and styles of individuals by integrating the Universal Design for Learning (UDL) principles into all components of the program.
	The program continually motivates and boosts mathematics learning by
	• Providing multiple means of representation.
	  ○ Information and content is presented in different ways through the use of models (virtual and authentic manipulatives and tools), multiple representations, and technology.
	  ○ The program presents information through auditory, visual, tactile, and kinesthetic ways. Text-to-speech audio capability is provided in the online Interactive Student Edition. A volume control button is included. Interactivities engage several senses without overwhelming or distracting learners.
	• Providing multiple means of action and expression.
	  ○ **HMH Integrated Mathematics 3** provides options for action and expression through a variety of models, manipulatives (virtual and authentic), discussion, and activities.
	  ○ Students can interact with the program through printed text, tablet, and/or computer. The program is designed to be navigated with ease on devices. Digital editions feature response types such as drag-and-drop, radio button, and free text (open response).
	  ○ Users of assistive technology can utilize the text-to-speech capability and virtual manipulatives.
	• Providing multiple means of engagement.
	  ○ **HMH Integrated Mathematics 3** is designed to stimulate interest and motivation for learning, through collaborative learning, investigations, hands-on methods for instruction and response, and interactions with technology.
	  ○ Students can choose the virtual and/or authentic tools and manipulatives that they have found to be most effective in successfully engaging them in the learning of specific concepts.
	  ○ The lesson format allows for a mixture of individual work (*Your Turn* and the *Personal Math Trainer,* for example) and collaboration, engaging different types of learners.
	HMH Integrated Mathematics 3 employs the 5E Model of Instruction (Engage, Explore, Explain, Elaborate, Evaluate) which promotes coherence by building upon previous understandings. The 5E Model provides a lesson framework that guides students through experiences that lead to deep conceptual understanding and prepares them for sustained success. The scaffolded instruction and student materials, as well as skill-building digital tools, provide a powerful system that develops and sharpens procedural fluency. In **HMH Integrated Mathematics 3**, students apply their knowledge to real-world scenarios, thus giving students opportunities to see the continual presence of mathematics in our lives. For example, a *Lesson Performance Task* asks students to determine which car dealership is offering the better deal — taking into account the cash-back offers and tax rates. A *Module Performance Task* in the program challenges students to analyze baseball statistics, both numerically and graphically, to help someone make sense of the runs-scored stats.
	Students are guided to success through the 5E Model of Instruction, and a variety of supporting and supplemental resources are just a click away. Higher-order thinking (*H.O.T.*) problems are incorporated into every lesson, and

	students experience real-world connections to the content through appealing scenarios, videos, tasks, and extension activities. The questions and tasks in **HMH Integrated Mathematics 3** encourage development and application of critical thinking, problem-solving, and communication skills. Critical thinking skills are strengthened through question prompts involving reasoning, modeling, and making mathematical connections, plus *H.O.T.* questions are included in every lesson. Problem-solving examples, exercises, and tutorials lead students through problem-solving steps and ask students to explain their solution process. Communication occurs with teacher-prompted discussion, *Collaborative Learning* activities, open-ended exercises, and *Journal* prompts. Real-world applications of algebra, geometry, trigonometry, statistics, and probability are powerfully presented in **HMH Integrated Mathematics 1, 2, 3**. The program provides questions that are at a variety of levels and address thought-provoking, world issues that allow students to make connections outside the classroom. The content is packed with realistic, relatable scenarios with which teens connect. Activities were carefully created to appeal to learners of all levels and learning modalities, and instructional notes in the Teacher Edition support engaging discussions, critical thought, and connection-making. Concrete, relatable applications of mathematics are the highlight of *Math in Careers* tasks and *Real-World Videos* that provide models of specific math concepts in everyday situations. *Performance Tasks, Math in Careers*, and cross-disciplinary activities give students opportunities to solve multiple single- and multi-step problems as they synthesize and apply what they have learned to real-world scenarios. The relevant exercises in **HMH Integrated Mathematics 3** focus on the presence of mathematics in leisure and work life and in areas like architecture, construction, economics, and meteorology.

Main Components & Ancillary Items Needed for Implementation:	In addition to the print materials, **HMH Integrated Mathematics 3** includes high-quality resources and technology. **HMH Integrated Mathematics 3** components boost students' engagement and learning and enhance teachers' efficiency and instruction. Along with the print Student Edition, Teacher Edition, resource guides, and assessment materials, notable **HMH Integrated Mathematics 3** materials include technology and multimedia components that enhance teaching and learning, increase accessibility and efficiency, and engage today's generation of tech-savvy students.
	• *Teacher Dashboard*
	  ○ Provides quick access to *Teacher Resource Management Center*, assignments, planner, reports, program resources, presentation tools, and *Professional Development Videos* featuring program authors
	  ○ *Interactive Whiteboard Lessons*
	  ○ The *Teacher Resource Management Center* includes videos and downloadable PDF versions of the Teacher Edition, as well as editable versions of the assessments, differentiated/RTI materials, *Practice and Problem Solving* sheets, *Reading Strategies* sheets, *Success for English Learners* sheets, and lesson plans.
	• **HMH Integrated Mathematics 3** online Interactive Teacher Edition
	  ○ Designed for ease-of-use
	  ○ Embedded tools and one-click access to standards, background information, differentiated activities, and lesson resources
	  ○ Enhances instruction and engagement by providing interactive presentations
	• **HMH Integrated Mathematics 3** Teacher Edition eBook
	  ○ Downloadable for online or offline use
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	• *Student Dashboard* keeps students on track with these helpful features:
	  ○ *Things to Do*
	  ○ *My Library*
	  ○ *My Score*
	  ○ Eliminates the issue of losing work because activities completed on the *HMH Player* and the Interactive Student Edition synchronize with the *Student Dashboard*
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IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

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Cross Platform Functionality:	HMH's digital platform my.hrw.com is a proprietary online environment owned and maintained by Houghton Mifflin Harcourt. Common Cartridge solutions are available for importation into 3rd party Learning Management Systems.
Plugins Needed: (Flash, Shockwave)	Additional plugins may include Adobe Acrobat Reader, Adobe Flash Player, Quicktime, and JavaScript. Please see **https://customercare.hmhco.com/csrportalnew/pts/home/** for more information.
Screen Resolution:	Digital content can be viewed on screens with 1024x768 resolution, as well as on the screens of mobile devices
Connectivity Speed Requirement:	Windows processor requirements include 2.00 GHz or faster x86-compatible processor (32 and 64 bit). Macintosh processor requires 2.00 GHz or faster.
Mobile Device Capability:	The program is compatible with Apple and Android devices, laptops, desktops, and Chromebooks. Please visit **https://customercare.hmhco.com/csrportalnew/pts/home/** for complete details.
Licensing Model(s): (Subscription, 1 yr., etc.)	Please refer to the pricing information in this proposal.
Updating Process: (How often, auto updates, etc.)	Technical updates to my.hrw.com may be scheduled once per quarter and when needed. To decrease inconvenience to teachers and students, these updates are completed at off-peak hours.
Tools & Features:	Idaho is being offered a full digital pathway that includes online Interactive Student and Teacher Editions and digital texts and resources developed for online or offline use. The complete digital, interactive experience continues with the *HMH Player*; the *Personal Math Trainer; Math on the Spot* tutorial videos; and more. The technology included in the program enhances the exploration of mathematical ideas, the ability to model situations, and the efficiency of analyzing data. Please see the response for "**Main Components & Ancillary Items Needed for Implementation**" for a complete list of the **HMH Integrated Mathematics 3** program's tools and features.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: **Houghton Mifflin Harcourt** **Intervention Solutions Group**	**Title of Material:** **MATH 180 Courses I and II**	**Copyright:** **2014, 2015** **ISBN number:** **9780545585385** **9780545834063**
Subject Area: **Mathematics -- Intervention**	**Author(s):** **D Ball, T. Hasselbring, S.Bechmann, D. Dockterman**	**Grade Level:** **Course I –grade 6** **Course II-grade 7**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Idaho Content Standards and Common Core State Standards, Mathematics Grades **6 and 7.**

Key Features:	*MATH 180* is designed to address the needs of struggling students and their teachers equally. It utilizes adaptive software to provide students with personalized instruction and practice, while equipping teachers with an ecosystem of support. Three key principles have been engineered into *MATH 180* : Effort Leads to Success—Growth Mindset: Many struggling students have given up on math. Working with Carol Dweck's Mindset Works organization, *MATH 180* creates a new growth mindset by showing students that their efforts lead to success. The Key to Unlocking Higher Mathematics—The Core Within the Core: For students who are two or more years behind in math, time is critical. That's why *MATH 180* focuses on deep understanding and mastery of the essential skills and concepts necessary to unlock algebra and advanced mathematics. Dramatically Increase Your Impact—Force Multiplier for Teaching: We know that teachers are the key force behind effective math instruction. *MATH 180*'s Teaching Ecosystem scaffolds less experienced teachers and provides a wealth of sophisticated supports for veteran math teachers to increase the effectiveness of their instruction.

Intended Use:	***MATH 180* employs a blended model of instruction with rotations each day. The rotations include time engaging with the teacher in small group, direct and interactive instruction, and also time with the highly adaptive software, moving through the concepts and skills at their own pace.** **The lessons are designed for a daily 45-55 minute block of time.** **The content of *MATH 180* is contained in 9 blocks of instruction, each centered around a career cluster.**

Best Practices in Program Design:	The expertise of the authorship team is evident in the best practices embedded in *MATH 180.* High leverage instructional strategies (establish routines for discourse, elicit student thinking, lead discussions, modify tasks, respond to common patterns of thinking) are woven into the fabric of *MATH 180.* Data driven instruction is facilitated through the SAM Central Dashboards. Targeted for individual students' needs within the software and the small group instruction. Coherent and focused content aligned with the Idaho Common Core Standards. Build deep understanding through visual models. Facilitate acceleration through rigorous and non-routine tasks. Support students through scaffolded practice. Build student confidence through mindset lessons, contextualized learning, and family outreach.

Main Components & Ancillary Items Needed for Implementation:	Student Materials: SAM Central licenses, SMI licenses, mSpace books (Vols. 1&2) Teacher Materials: SAM Central licenses (access to instructional resources and data), comprehensive teaching materials (Teacher Guides, Getting Started Guide, Prof Learning Guide, Classroom Posters) and Classroom Games Box. All materials are included in the purchase. There is no need or requirement for ancillary items.

Professional Development /Training Required? [X] **YES** [ ] **NO**

If applicable, explain in-service training, required, number of hours and fees associated with service:
Included with the purchase of *MATH 180*, are two full days (12 hours) of implementation training. Additional training and recommended in-classroom coaching is available. ($2299/day)

Full disclosure for digital materials: (please complete for digital curricular materials only)

Platform:	Macintosh OS X 10.7.3 through 10.9.x; Windows XP SP3, Windows 7 Professional, Windows 8.x; Chrome OS version 32 or later* Browser: Internet Explorer 9.x, or later; Safari 6.x or later; Firefox 27.x or later; Chrome 24 or later
Cross Platform Functionality:	**MATH180 works on both Macs and PCs**
Plugins Needed: (Flash, Shockwave)	**Flash 11.4 or higher**
Screen Resolution:	**1024 x 768**
Connectivity Speed Requirement:	**Guideline:** 100kb/sec per user
Mobile Device Capability:	**Teacher's digital Planning Space is** available in mobile compatible forms. • iOS version 7.0 or later running on iPad 2 or later • Android version 4.1 or later on devices with a screen resolution of 1280x800 Additionally, HMH programs are compatible with Samsung Galaxy 10.1 and Nexus 10" devices
Licensing Model(s):	**MATH 180 licenses are perpetual.**
Updating Process:	**Quarterly updates.**

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

ublishing Company Name: (this must match Submission/Bid Form & Sample) LearnBop / FuelEducation 2300 Corporate Park Drive Herndon, VA 20171	**Title of Material: (this must match Submission/Bid Form & Sample)** LearnBop	**Copyright: (this must match Submission/Bid Form & Sample)** NA **ISBN number: (must match Submission-Bid Form & Sample)**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) Mathematics	**Author(s): (this must match Submission/Bid Form & Sample)** LearnBop in partnership with K – 12 mathematics educators	**Grade Level: (this must match Submission/Bid Form & Sample)** 3 – high school
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Mathematics Grades 3 – high school		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	LearnBop®, an exclusive partner of Fuel Education's™ is an online math tutoring program that simultaneously serves as an assessment and diagnostic tool as an automated math tutoring system which uses a unique step-by-step approach to learning math, mimicking the kind of support a student would get in a tutoring session. LearnBop allows students to investigate math concepts at their own pace and in their own progression to differentiate instruction. Since LearnBop is segmented into domains and concepts instructors can have students stop after predetermined problems to provide further learning and discussion one-to-one, in a live class-wide forum or through small groups. Any teacher using LearnBop *has access to and can assign/use any of the content from the K – 12 Content Suite* with their classes. If a student makes a real time mistake or asks for help, the automated tutoring system breaks the problem down and guides the student. The one-on-one interactive platform offers hints, visuals, and videos for each student to self-pace in order to gain mastery before moving on to the next concept. Each step covers a concept students need to understand in order to solve a mathematical problem, helping to master math concepts with confidence. Data on student performance is collected as students learn. This granular data is organized in an intuitive dashboard that provide teachers with a dynamic view of class performance, down to each individual student saving the teacher time. Teachers integrate this learning experience based on the unique learning contours and performance of their own classroom while ensuring Common Core standards are integrated into the learning experience with automatically generated interventions down to the pre-requisite skill level. The results are teachers able to individualize instruction and make informed group instruction that fills learning gaps and increases test scores.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	LearnBop, with its vast content suite that covers mathematical topics across K-12 grade levels and various mathematical domains, can be used to engage students of varying skill and achievement levels. Since teachers using LearnBop have access to **ALL** LearnBop K – 12 content, when assigning independent practice for students they have the following options: • Giving an entire class an assignment/concept to complete aligned to classroom lessons, with each step of each problem aligned to the Common Core standards; • Remediating instruction and practice by assigning a select group or individual students concepts they have not mastered to perform on grade level; and • Accelerating instruction by assigning concepts and skills for students to work ahead within the same grade or beyond grade level.

Best Practices in Program Design:	The LearnBop diagnostic assessment tool can be used in both summative and formative manners with automated instant feedback that provides the student experiences for remediation or acceleration and gives teachers specific, practical data to create an engaging and challenging learning experience for each student, every day. Using thousands of interactive Bops created by a team of award-winning math educators, LearnBop simultaneously assesses, diagnoses and tracks student mastery of grades K – high school skills and concepts. A LearnBop Efficacy Study conducted during the spring of 2015 showed that LearnBop helps increase state test scores. Sixth and seventh graders of varying ethnicities and genders participated in the study. The study found that after only 16 hours of use, students with LearnBop outperformed other students receiving traditional classroom instruction by 7-9 percentile points.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Main Components & Ancillary Items Needed for Implementation:	LearnBop is an online education system. The only materials required are access to computers and internet access.
Professional Development /Training Required?	[x] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: An online one-hour orientation training outlining effective practices for implementing LearnBop is provided free of charge.	

Full disclosure for digital materials: (please complete for digital curricular materials only) NA	
Platform:	LearnBop is an online web product and accessible from browsers on all major platforms: Windows XP/Vista/7/8/10, OS X, Linux, iOS/Android. The latest two versions of Chrome, FireFox, IE, and Safari are supported.
Cross Platform Functionality:	See above
Plugins Needed: (Flash, Shockwave)	No plug-ins required
Screen Resolution:	1024x768 or higher
Connectivity Speed Requirement:	For watching learning videos we recommend 512Kb/s for each simultaneous video stream accessed and 128Kb/s minimum for other site usage. A typical class will have a mix of video watching and other activity. Videos are only a few minutes long and students do spend time thinking and working out answers so aggregate bandwidth use is not nearly as high as a simple multiplication by # of students in a class.
Mobile Device Capability:	Best experience is on desktop or 7" or 10" Android and iOS tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	Yearly subscription
Updating Process: (How often, auto updates, etc.)	LearnBop is an online product featuring updates at least twice a month to bring improvements to the site. They are handled automatically and almost exclusively without any downtime.
Tools & Features:	LearnBop®, as offered on Fuel Education's™ (FuelEd™) PEAK™ platform, is an online math tutoring program that simultaneously serves as an assessment and diagnostic tool. LearnBop allows for live and in-depth investigation of math concepts. LearnBop allows students to investigate math concepts at their own pace and in their own progression. Since LearnBop is segmented into small manageable section (called bops), instructors can have students stop after predetermined bops to provide further learning and discussion in a live class-wide forum or through small groups. Each bop checks for understanding by asking the student to make sense of the problem, reason abstractly and quantitatively, and answer the question correctly. If a student makes a mistake or asks for help, the automated tutoring system breaks the problem down and guides the student. The one-on-one interactive platform offers hints, visuals, and videos for each student to self-pace in order to gain mastery before moving on to the next concept.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **McGraw-Hill My Math**	**Copyright: (this must match Submission/Bid Form & Sample)** **2013** **ISBN number: (must match Submission-Bid Form & Sample)** **9780021150199 – Volume 1** **9780021160679 – Volume 2**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Altieri, Carter**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade K**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
McGraw-Hill My Math© 2013/2014 was specifically written after the release of the final CCSS document and is designed to teach the Common Core State Standards. The chapters are organized by domain. The domains are color coded and appear in consistent order so that at any time teachers and students know which domain they are covering when teaching or working in a lesson. The first page in every lesson identifies which content standards are being addressed. The Standards for Mathematical Practices are embedded throughout *McGraw-Hill My Math*. These are especially evident in the hands-on modeling approach, the strong problem-solving emphasis in every lesson and in the higher-order thinking exercises found throughout the student pages. The online training modules help teachers create the classroom environment to foster those 'habits of mind' that are core to the practices.

See the Teacher Edition page T17 for CCSS correlations.
See 'Contents in Brief' (page 'vi') in the Student Edition which details the organization of the content by the domains of the Common Core State Standards.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	*McGraw-Hill My Math* for grades K-5 is organized around the Common Core State Standards for Mathematics and emphasizes Mathematical Practices in an interactive environment that makes learning fun and exciting. Students interact with math like never before, as they have the opportunity to take notes within their own textbook and even complete homework on a tablet. ConnectED, our digital platform, ensures that students have a consistent experience through grades K-8.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	In *McGraw-Hill My My Math* the mathematical practices are incorporated within each daily lesson. Each chapter lists explicitly for teacher and student the Mathematical Practices that will be focused on within the chapter. Daily practice and specific problems will be identified with a red arrow and number to indicate which mathematical practice is being addressed and practiced. This opportunity provides students and teachers with the specific practice necessary to build successful "habits of mind" for a strong math student which directly connects with what the PARCC consortium and the new assessment demands on our students to have the ability to explain their mathematical thinking in short constructed responses. The daily exposure to the mathematical practices provides students the venue to fine tune their mathematical language to articulate and prove their understanding.

Best Practices in Program Design:	The standard components of each lesson in *McGraw-Hill My My Math* are: • What's the Math – identifies what students should understand and be able to do and vocabulary development • Launch the lesson – provides an Investigate the Math hands-on opportunity for conceptual development • Teach – incorporates explicit instruction for strategy and real world application of concept with a guided practice opportunity before a structured release of responsibility • Practice and Apply – offers differentiation support and problem solving to apply the new concept, this is also where teachers will find common error alerts to support common mistakes students when attempting to make sense of concepts, students will also build on the essential question for the chapter to apply new concepts to theme question. • Wrap Up – formative assessment and test practice designed to diagnose student errors, assign homework, differentiate instruction for additional remediation or advanced level work, and utilize a game from My Learning Stations to build fluency and additional practice.

Main Components & Ancillary Items Needed for Implementation:	The *McGraw-Hill My My Math* Student Edition is a consumable, write-in textbook that contains everything students need to learn and practice math. The program includes vocabulary support, homework pages, and lessons on problem-solving as well as connections to hands-on activities with real-world learning experiences. The *McGraw-Hill My My Math* Online Student Center provides a simple, easy-to-access student site for all of the *McGraw-Hill My My Math* digital resources: • Chapter Videos • Animations • Math Adventures • Personal Tutors • Visual Vocabulary Cards • Message Board for teachers to post class announcements • Homework Section for students to view class assignments • eHelp for School to Home connections and review
Professional Development /Training Required?	[X] **YES** [ ] **NO**

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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If applicable, explain in-service training, required, number of hours and fees associated with service:
McGraw-Hill My Math offers built-in **professional development videos** within the program to help teachers gain a deeper understanding of the lesson concepts and strategies. These videos include support for classroom management, lesson modeling and a series on implementing the Standards of Mathematical Practice in the classroom instruction. Look for the Professional Development option in the chapter drop-down menu in the *Teacher Center* on www.connected.mcgraw-hill.com
In addition to the built-in program supports, McGraw-Hill Education is fully committed to providing exemplary instructional materials, assessments, and professional development support to schools. To successfully meet the needs of all educators, we have a cadre of National and Local Consultants, Authors, and Product Managers whose years of experience in education and professional development are nationally recognized. In the spirit of partnership, McGraw-Hill Education will maintain close communication with county personnel to assure customization of sustained and systemic professional development offerings that support the needs of students and teachers. We will design training around your needs and, with our consultant staff, we can provide:

- On-site professional development
- Regional or county organized professional development
- School year or summer workshops
- Online/web-based training
- Video training

In addition, local sales representatives and consultants are available by phone and email to offer help and support and can provide frequent on-site visits if needed.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *McGraw-Hill My My Math* is housed on our platform called ConnectED. The platform provides a teacher resource for planning and customizing lessons, managing your classroom by utilizing an assignment tracker to track assigned tasks and message board to communicate with students as well as accessing resources. It also contains a complete eAssessment feature that allows teachers to access readymade assessments and/or customize assessments, score and reporting options. Students will be able to access all the animation features, games, virtual manipulatives, level problem solving readers, and a collaborative feature that allows students to post and respond to their class
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 5-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	***All*** student and teacher materials are available online. Additional examples, practice opportunities and games are also available online which include: **For Students:** ***McGraw-Hill My Math Student Center*** • Online Student Edition –access to their interactive Student Edition online. • Chapter Videos – Theme based videos model math application in real-world settings • Animations – Lesson-based animations support student understanding of key mathematical concepts. • Math Adventures – Interactive digital learning activities help students practice basic computational skills. • Personal Tutors – Online "virtual teachers" walk students through the steps of the lesson problems and examples. • Visual Vocabulary Cards – Students can easily study the key mathematical vocabulary related to their lessons. ***For Teachers:*** ***McGraw-Hill My Math Teacher Center*** • Online Teacher Center - Teachers easilyplan and customize their lessons and presentations, as well as assign, homework and practice pages via the Teacher Center. Teachers have access to printable tests, reteach worksheets, enrich worksheets, Smarter Balanced Assessment Prep, and Project-based Learning activities. • eAssessment includes premade tests and technology-enhanced question types that help students practice for new online assessments. Teachers can use the tests provided or customize and add their own questions. Easily accessible reports provide the data to inform teacher instruction in real time. CCSS and state correlation options are available. • Online Teacher Edition – access their full Teacher Edition online. • Problem of the Day – Ready to use with an Interactive Whiteboard, this resource provides daily opportunities to develop mathematical literacy and computational fluency. • Common Core Quick Check – This digital resource provides quick assessments for each lesson in the Student Edition. • Interactive Guide – This English Language Learner resource can also be used for ALL students to teach the language of mathematics. It provides vocabulary building graphic organizers, note-taking and guided writing, Visual Kinesthetic Vocabulary, unpacking of Mathematical Practices, and support for Problem-Solving Investigations. Includes a Student book and a Teacher Guide. • Strategic Intervention Guide – This guide provides suggestions for intervention before students begin grade level instruction. • Diagnostic Placement Tests – These resources assess student knowledge at the beginning of the year to determine whether they need additional support to meet the grade level standards.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **McGraw-Hill My Math**	**Copyright: (this must match Submission/Bid Form & Sample)** **2013** **ISBN number: (must match Submission-Bid Form & Sample)** **9780021150205 – Volume 1** **9780021160686 – Volume 2**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Altieri, Carter**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 1**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
McGraw-Hill My Math© 2013/2014 was specifically written after the release of the final CCSS document and is designed to teach the Common Core State Standards. The chapters are organized by domain. The domains are color coded and appear in consistent order so that at any time teachers and students know which domain they are covering when teaching or working in a lesson. The first page in every lesson identifies which content standards are being addressed. The Standards for Mathematical Practices are embedded throughout *McGraw-Hill My Math*. These are especially evident in the hands-on modeling approach, the strong problem-solving emphasis in every lesson and in the higher-order thinking exercises found throughout the student pages. The online training modules help teachers create the classroom environment to foster those 'habits of mind' that are core to the practices.

See the Teacher Edition page T17 for CCSS correlations.
See 'Contents in Brief' (page 'vi') in the Student Edition which details the organization of the content by the domains of the Common Core State Standards.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	*McGraw-Hill My Math* for grades K-5 is organized around the Common Core State Standards for Mathematics and emphasizes Mathematical Practices in an interactive environment that makes learning fun and exciting. Students interact with math like never before, as they have the opportunity to take notes within their own textbook and even complete homework on a tablet. ConnectED, our digital platform, ensures that students have a consistent experience through grades K-8.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	In *McGraw-Hill My My Math* the mathematical practices are incorporated within each daily lesson. Each chapter lists explicitly for teacher and student the Mathematical Practices that will be focused on within the chapter. Daily practice and specific problems will be identified with a red arrow and number to indicate which mathematical practice is being addressed and practiced. This opportunity provides students and teachers with the specific practice necessary to build successful "habits of mind" for a strong math student which directly connects with what the PARCC consortium and the new assessment demands on our students to have the ability to explain their mathematical thinking in short constructed responses. The daily exposure to the mathematical practices provides students the venue to fine tune their mathematical language to articulate and prove their understanding.

Best Practices in Program Design:	The standard components of each lesson in *McGraw-Hill My My Math* are: • What's the Math – identifies what students should understand and be able to do and vocabulary development • Launch the lesson – provides an Investigate the Math hands-on opportunity for conceptual development • Teach – incorporates explicit instruction for strategy and real world application of concept with a guided practice opportunity before a structured release of responsibility • Practice and Apply – offers differentiation support and problem solving to apply the new concept, this is also where teachers will find common error alerts to support common mistakes students when attempting to make sense of concepts, students will also build on the essential question for the chapter to apply new concepts to theme question. • Wrap Up – formative assessment and test practice designed to diagnose student errors, assign homework, differentiate instruction for additional remediation or advanced level work, and utilize a game from My Learning Stations to build fluency and additional practice.

Main Components & Ancillary Items Needed for Implementation:	The *McGraw-Hill My My Math* Student Edition is a consumable, write-in textbook that contains everything students need to learn and practice math. The program includes vocabulary support, homework pages, and lessons on problem-solving as well as connections to hands-on activities with real-world learning experiences. The *McGraw-Hill My My Math* Online Student Center provides a simple, easy-to-access student site for all of the *McGraw-Hill My My Math* digital resources: • Chapter Videos • Animations • Math Adventures • Personal Tutors • Visual Vocabulary Cards • Message Board for teachers to post class announcements • Homework Section for students to view class assignments • eHelp for School to Home connections and review
Professional Development /Training Required?	[X] **YES** [ ]

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

If applicable, explain in-service training, required, number of hours and fees associated with service:
McGraw-Hill My Math offers built-in **professional development videos** within the program to help teachers gain a deeper understanding of the lesson concepts and strategies. These videos include support for classroom management, lesson modeling and a series on implementing the Standards of Mathematical Practice in the classroom instruction. Look for the Professional Development option in the chapter drop-down menu in the *Teacher Center* on www.connected.mcgraw-hill.com
In addition to the built-in program supports, McGraw-Hill Education is fully committed to providing exemplary instructional materials, assessments, and professional development support to schools. To successfully meet the needs of all educators, we have a cadre of National and Local Consultants, Authors, and Product Managers whose years of experience in education and professional development are nationally recognized. In the spirit of partnership, McGraw-Hill Education will maintain close communication with county personnel to assure customization of sustained and systemic professional development offerings that support the needs of students and teachers. We will design training around your needs and, with our consultant staff, we can provide:

- On-site professional development
- Regional or county organized professional development
- School year or summer workshops
- Online/web-based training
- Video training

In addition, local sales representatives and consultants are available by phone and email to offer help and support and can provide frequent on-site visits if needed.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *McGraw-Hill My My Math* is housed on our platform called ConnectED. The platform provides a teacher resource for planning and customizing lessons, managing your classroom by utilizing an assignment tracker to track assigned tasks and message board to communicate with students as well as accessing resources. It also contains a complete eAssessment feature that allows teachers to access readymade assessments and/or customize assessments, score and reporting options. Students will be able to access all the animation features, games, virtual manipulatives, level problem solving readers, and a collaborative feature that allows students to post and respond to their class
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 5-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	***All*** student and teacher materials are available online. Additional examples, practice opportunities and games are also available online which include: **<u>For Students:</u> *McGraw-Hill <u>My Math Student Center</u>*** • Online Student Edition –access to their interactive Student Edition online. • Chapter Videos – Theme based videos model math application in real-world settings • Animations – Lesson-based animations support student understanding of key mathematical concepts. • Math Adventures – Interactive digital learning activities help students practice basic computational skills. • Personal Tutors – Online "virtual teachers" walk students through the steps of the lesson problems and examples. • Visual Vocabulary Cards – Students can easily study the key mathematical vocabulary related to their lessons. ***<u>For Teachers:</u> McGraw-Hill <u>My Math Teacher Center</u>*** • Online Teacher Center - Teachers easilyplan and customize their lessons and presentations, as well as assign, homework and practice pages via the Teacher Center. Teachers have access to printable tests, reteach worksheets, enrich worksheets, Smarter Balanced Assessment Prep, and Project-based Learning activities. • eAssessment includes premade tests and technology-enhanced question types that help students practice for new online assessments. Teachers can use the tests provided or customize and add their own questions. Easily accessible reports provide the data to inform teacher instruction in real time. CCSS and state correlation options are available. • Online Teacher Edition – access their full Teacher Edition online. • Problem of the Day – Ready to use with an Interactive Whiteboard, this resource provides daily opportunities to develop mathematical literacy and computational fluency. • Common Core Quick Check – This digital resource provides quick assessments for each lesson in the Student Edition. • Interactive Guide – This English Language Learner resource can also be used for ALL students to teach the language of mathematics. It provides vocabulary building graphic organizers, note-taking and guided writing, Visual Kinesthetic Vocabulary, unpacking of Mathematical Practices, and support for Problem-Solving Investigations. Includes a Student book and a Teacher Guide. • Strategic Intervention Guide – This guide provides suggestions for intervention before students begin grade level instruction. • Diagnostic Placement Tests – These resources assess student knowledge at the beginning of the year to determine whether they need additional support to meet the grade level standards.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **McGraw-Hill My Math**	**Copyright: (this must match Submission/Bid Form & Sample)** **2013** **ISBN number: (must match Submission-Bid Form & Sample)** **9780021150212 – Volume 1** **9780021160693 – Volume 2**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Altieri, Carter**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 2**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
McGraw-Hill My Math© 2013/2014 was specifically written after the release of the final CCSS document and is designed to teach the Common Core State Standards. The chapters are organized by domain. The domains are color coded and appear in consistent order so that at any time teachers and students know which domain they are covering when teaching or working in a lesson. The first page in every lesson identifies which content standards are being addressed. The Standards for Mathematical Practices are embedded throughout *McGraw-Hill My Math*. These are especially evident in the hands-on modeling approach, the strong problem-solving emphasis in every lesson and in the higher-order thinking exercises found throughout the student pages. The online training modules help teachers create the classroom environment to foster those 'habits of mind' that are core to the practices.

See the Teacher Edition page T17 for CCSS correlations.
See 'Contents in Brief' (page 'vi') in the Student Edition which details the organization of the content by the domains of the Common Core State Standards.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	*McGraw-Hill My Math* for grades K-5 is organized around the Common Core State Standards for Mathematics and emphasizes Mathematical Practices in an interactive environment that makes learning fun and exciting. Students interact with math like never before, as they have the opportunity to take notes within their own textbook and even complete homework on a tablet. ConnectED, our digital platform, ensures that students have a consistent experience through grades K-8.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	In *McGraw-Hill My My Math* the mathematical practices are incorporated within each daily lesson. Each chapter lists explicitly for teacher and student the Mathematical Practices that will be focused on within the chapter. Daily practice and specific problems will be identified with a red arrow and number to indicate which mathematical practice is being addressed and practiced. This opportunity provides students and teachers with the specific practice necessary to build successful "habits of mind" for a strong math student which directly connects with what the PARCC consortium and the new assessment demands on our students to have the ability to explain their mathematical thinking in short constructed responses. The daily exposure to the mathematical practices provides students the venue to fine tune their mathematical language to articulate and prove their understanding.

Best Practices in Program Design:	The standard components of each lesson in *McGraw-Hill My My Math* are: • What's the Math – identifies what students should understand and be able to do and vocabulary development • Launch the lesson – provides an Investigate the Math hands-on opportunity for conceptual development • Teach – incorporates explicit instruction for strategy and real world application of concept with a guided practice opportunity before a structured release of responsibility • Practice and Apply – offers differentiation support and problem solving to apply the new concept, this is also where teachers will find common error alerts to support common mistakes students when attempting to make sense of concepts, students will also build on the essential question for the chapter to apply new concepts to theme question. • Wrap Up – formative assessment and test practice designed to diagnose student errors, assign homework, differentiate instruction for additional remediation or advanced level work, and utilize a game from My Learning Stations to build fluency and additional practice.

Main Components & Ancillary Items Needed for Implementation:	The *McGraw-Hill My My Math* Student Edition is a consumable, write-in textbook that contains everything students need to learn and practice math. The program includes vocabulary support, homework pages, and lessons on problem-solving as well as connections to hands-on activities with real-world learning experiences. The *McGraw-Hill My My Math* Online Student Center provides a simple, easy-to-access student site for all of the *McGraw-Hill My My Math* digital resources: • Chapter Videos • Animations • Math Adventures • Personal Tutors • Visual Vocabulary Cards • Message Board for teachers to post class announcements • Homework Section for students to view class assignments • eHelp for School to Home connections and review
Professional Development /Training Required?	[X] **YES** [ ]

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

If applicable, explain in-service training, required, number of hours and fees associated with service:
McGraw-Hill My Math offers built-in **professional development videos** within the program to help teachers gain a deeper understanding of the lesson concepts and strategies. These videos include support for classroom management, lesson modeling and a series on implementing the Standards of Mathematical Practice in the classroom instruction. Look for the Professional Development option in the chapter drop-down menu in the *Teacher Center* on www.connected.mcgraw-hill.com
In addition to the built-in program supports, McGraw-Hill Education is fully committed to providing exemplary instructional materials, assessments, and professional development support to schools. To successfully meet the needs of all educators, we have a cadre of National and Local Consultants, Authors, and Product Managers whose years of experience in education and professional development are nationally recognized. In the spirit of partnership, McGraw-Hill Education will maintain close communication with county personnel to assure customization of sustained and systemic professional development offerings that support the needs of students and teachers. We will design training around your needs and, with our consultant staff, we can provide:

- On-site professional development
- Regional or county organized professional development
- School year or summer workshops
- Online/web-based training
- Video training

In addition, local sales representatives and consultants are available by phone and email to offer help and support and can provide frequent on-site visits if needed.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *McGraw-Hill My My Math* is housed on our platform called ConnectED. The platform provides a teacher resource for planning and customizing lessons, managing your classroom by utilizing an assignment tracker to track assigned tasks and message board to communicate with students as well as accessing resources. It also contains a complete eAssessment feature that allows teachers to access readymade assessments and/or customize assessments, score and reporting options. Students will be able to access all the animation features, games, virtual manipulatives, level problem solving readers, and a collaborative feature that allows students to post and respond to their class
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 5-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	***All*** student and teacher materials are available online. Additional examples, practice opportunities and games are also available online which include: **For Students: *McGraw-Hill My Math Student Center*** • Online Student Edition –access to their interactive Student Edition online. • Chapter Videos – Theme based videos model math application in real-world settings • Animations – Lesson-based animations support student understanding of key mathematical concepts. • Math Adventures – Interactive digital learning activities help students practice basic computational skills. • Personal Tutors – Online "virtual teachers" walk students through the steps of the lesson problems and examples. • Visual Vocabulary Cards – Students can easily study the key mathematical vocabulary related to their lessons. ***For Teachers: McGraw-Hill My Math Teacher Center*** • Online Teacher Center - Teachers easilyplan and customize their lessons and presentations, as well as assign, homework and practice pages via the Teacher Center. Teachers have access to printable tests, reteach worksheets, enrich worksheets, Smarter Balanced Assessment Prep, and Project-based Learning activities. • eAssessment includes premade tests and technology-enhanced question types that help students practice for new online assessments. Teachers can use the tests provided or customize and add their own questions. Easily accessible reports provide the data to inform teacher instruction in real time. CCSS and state correlation options are available. • Online Teacher Edition – access their full Teacher Edition online. • Problem of the Day – Ready to use with an Interactive Whiteboard, this resource provides daily opportunities to develop mathematical literacy and computational fluency. • Common Core Quick Check – This digital resource provides quick assessments for each lesson in the Student Edition. • Interactive Guide – This English Language Learner resource can also be used for ALL students to teach the language of mathematics. It provides vocabulary building graphic organizers, note-taking and guided writing, Visual Kinesthetic Vocabulary, unpacking of Mathematical Practices, and support for Problem-Solving Investigations. Includes a Student book and a Teacher Guide. • Strategic Intervention Guide – This guide provides suggestions for intervention before students begin grade level instruction. • Diagnostic Placement Tests – These resources assess student knowledge at the beginning of the year to determine whether they need additional support to meet the grade level standards.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **McGraw-Hill My Math**	**Copyright: (this must match Submission/Bid Form & Sample)** **2013** **ISBN number: (must match Submission-Bid Form & Sample)** **9780021150229 – Volume 1** **9780021161911 – Volume 2**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Altieri, Carter**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 3**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
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See the Teacher Edition page T17 for CCSS correlations.
See 'Contents in Brief' (page 'vi') in the Student Edition which details the organization of the content by the domains of the Common Core State Standards.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	*McGraw-Hill My Math* for grades K-5 is organized around the Common Core State Standards for Mathematics and emphasizes Mathematical Practices in an interactive environment that makes learning fun and exciting. Students interact with math like never before, as they have the opportunity to take notes within their own textbook and even complete homework on a tablet. ConnectED, our digital platform, ensures that students have a consistent experience through grades K-8.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	In *McGraw-Hill My My Math* the mathematical practices are incorporated within each daily lesson. Each chapter lists explicitly for teacher and student the Mathematical Practices that will be focused on within the chapter. Daily practice and specific problems will be identified with a red arrow and number to indicate which mathematical practice is being addressed and practiced. This opportunity provides students and teachers with the specific practice necessary to build successful "habits of mind" for a strong math student which directly connects with what the PARCC consortium and the new assessment demands on our students to have the ability to explain their mathematical thinking in short constructed responses. The daily exposure to the mathematical practices provides students the venue to fine tune their mathematical language to articulate and prove their understanding.

Best Practices in Program Design:	The standard components of each lesson in *McGraw-Hill My My Math* are: • What's the Math – identifies what students should understand and be able to do and vocabulary development • Launch the lesson – provides an Investigate the Math hands-on opportunity for conceptual development • Teach – incorporates explicit instruction for strategy and real world application of concept with a guided practice opportunity before a structured release of responsibility • Practice and Apply – offers differentiation support and problem solving to apply the new concept, this is also where teachers will find common error alerts to support common mistakes students when attempting to make sense of concepts, students will also build on the essential question for the chapter to apply new concepts to theme question. • Wrap Up – formative assessment and test practice designed to diagnose student errors, assign homework, differentiate instruction for additional remediation or advanced level work, and utilize a game from My Learning Stations to build fluency and additional practice.

Main Components & Ancillary Items Needed for Implementation:	The *McGraw-Hill My My Math* Student Edition is a consumable, write-in textbook that contains everything students need to learn and practice math. The program includes vocabulary support, homework pages, and lessons on problem-solving as well as connections to hands-on activities with real-world learning experiences. The *McGraw-Hill My My Math* Online Student Center provides a simple, easy-to-access student site for all of the *McGraw-Hill My My Math* digital resources: • Chapter Videos • Animations • Math Adventures • Personal Tutors • Visual Vocabulary Cards • Message Board for teachers to post class announcements • Homework Section for students to view class assignments • eHelp for School to Home connections and review
Professional Development /Training Required?	[X] **YES** [ ]

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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In addition to the built-in program supports, McGraw-Hill Education is fully committed to providing exemplary instructional materials, assessments, and professional development support to schools. To successfully meet the needs of all educators, we have a cadre of National and Local Consultants, Authors, and Product Managers whose years of experience in education and professional development are nationally recognized. In the spirit of partnership, McGraw-Hill Education will maintain close communication with county personnel to assure customization of sustained and systemic professional development offerings that support the needs of students and teachers. We will design training around your needs and, with our consultant staff, we can provide:

- On-site professional development
- Regional or county organized professional development
- School year or summer workshops
- Online/web-based training
- Video training

In addition, local sales representatives and consultants are available by phone and email to offer help and support and can provide frequent on-site visits if needed.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *McGraw-Hill My My Math* is housed on our platform called ConnectED. The platform provides a teacher resource for planning and customizing lessons, managing your classroom by utilizing an assignment tracker to track assigned tasks and message board to communicate with students as well as accessing resources. It also contains a complete eAssessment feature that allows teachers to access readymade assessments and/or customize assessments, score and reporting options. Students will be able to access all the animation features, games, virtual manipulatives, level problem solving readers, and a collaborative feature that allows students to post and respond to their class
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 5-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	***All*** student and teacher materials are available online. Additional examples, practice opportunities and games are also available online which include: **For Students: *McGraw-Hill My Math Student Center*** • Online Student Edition –access to their interactive Student Edition online. • Chapter Videos – Theme based videos model math application in real-world settings • Animations – Lesson-based animations support student understanding of key mathematical concepts. • Math Adventures – Interactive digital learning activities help students practice basic computational skills. • Personal Tutors – Online "virtual teachers" walk students through the steps of the lesson problems and examples. • Visual Vocabulary Cards – Students can easily study the key mathematical vocabulary related to their lessons. ***For Teachers: McGraw-Hill My Math Teacher Center*** • Online Teacher Center - Teachers easilyplan and customize their lessons and presentations, as well as assign, homework and practice pages via the Teacher Center. Teachers have access to printable tests, reteach worksheets, enrich worksheets, Smarter Balanced Assessment Prep, and Project-based Learning activities. • eAssessment includes premade tests and technology-enhanced question types that help students practice for new online assessments. Teachers can use the tests provided or customize and add their own questions. Easily accessible reports provide the data to inform teacher instruction in real time. CCSS and state correlation options are available. • Online Teacher Edition – access their full Teacher Edition online. • Problem of the Day – Ready to use with an Interactive Whiteboard, this resource provides daily opportunities to develop mathematical literacy and computational fluency. • Common Core Quick Check – This digital resource provides quick assessments for each lesson in the Student Edition. • Interactive Guide – This English Language Learner resource can also be used for ALL students to teach the language of mathematics. It provides vocabulary building graphic organizers, note-taking and guided writing, Visual Kinesthetic Vocabulary, unpacking of Mathematical Practices, and support for Problem-Solving Investigations. Includes a Student book and a Teacher Guide. • Strategic Intervention Guide – This guide provides suggestions for intervention before students begin grade level instruction. • Diagnostic Placement Tests – These resources assess student knowledge at the beginning of the year to determine whether they need additional support to meet the grade level standards.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **McGraw-Hill My Math**	**Copyright: (this must match Submission/Bid Form & Sample)** **2013** **ISBN number: (must match Submission-Bid Form & Sample)** **9780021150236 – Volume 1** **9780021161959 – Volume 2**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Altieri, Carter**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 4**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
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See the Teacher Edition page T17 for CCSS correlations.
See 'Contents in Brief' (page 'vi') in the Student Edition which details the organization of the content by the domains of the Common Core State Standards.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	*McGraw-Hill My Math* for grades K-5 is organized around the Common Core State Standards for Mathematics and emphasizes Mathematical Practices in an interactive environment that makes learning fun and exciting. Students interact with math like never before, as they have the opportunity to take notes within their own textbook and even complete homework on a tablet. ConnectED, our digital platform, ensures that students have a consistent experience through grades K-8.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	In *McGraw-Hill My My Math* the mathematical practices are incorporated within each daily lesson. Each chapter lists explicitly for teacher and student the Mathematical Practices that will be focused on within the chapter. Daily practice and specific problems will be identified with a red arrow and number to indicate which mathematical practice is being addressed and practiced. This opportunity provides students and teachers with the specific practice necessary to build successful "habits of mind" for a strong math student which directly connects with what the PARCC consortium and the new assessment demands on our students to have the ability to explain their mathematical thinking in short constructed responses. The daily exposure to the mathematical practices provides students the venue to fine tune their mathematical language to articulate and prove their understanding.

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Main Components & Ancillary Items Needed for Implementation:	The *McGraw-Hill My My Math* Student Edition is a consumable, write-in textbook that contains everything students need to learn and practice math. The program includes vocabulary support, homework pages, and lessons on problem-solving as well as connections to hands-on activities with real-world learning experiences. The *McGraw-Hill My My Math* Online Student Center provides a simple, easy-to-access student site for all of the *McGraw-Hill My My Math* digital resources: • Chapter Videos • Animations • Math Adventures • Personal Tutors • Visual Vocabulary Cards • Message Board for teachers to post class announcements • Homework Section for students to view class assignments • eHelp for School to Home connections and review
Professional Development /Training Required?	[X] **YES** [ ] **NO**

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
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IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **McGraw-Hill My Math**	**Copyright: (this must match Submission/Bid Form & Sample)** **2013** **ISBN number: (must match Submission-Bid Form & Sample)** **9780021150243 – Volume 1** **9780021161966 – Volume 2**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Altieri, Carter**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 5**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
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Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	In *McGraw-Hill My My Math* the mathematical practices are incorporated within each daily lesson. Each chapter lists explicitly for teacher and student the Mathematical Practices that will be focused on within the chapter. Daily practice and specific problems will be identified with a red arrow and number to indicate which mathematical practice is being addressed and practiced. This opportunity provides students and teachers with the specific practice necessary to build successful "habits of mind" for a strong math student which directly connects with what the PARCC consortium and the new assessment demands on our students to have the ability to explain their mathematical thinking in short constructed responses. The daily exposure to the mathematical practices provides students the venue to fine tune their mathematical language to articulate and prove their understanding.

Best Practices in Program Design:	The standard components of each lesson in *McGraw-Hill My My Math* are: • What's the Math – identifies what students should understand and be able to do and vocabulary development • Launch the lesson – provides an Investigate the Math hands-on opportunity for conceptual development • Teach – incorporates explicit instruction for strategy and real world application of concept with a guided practice opportunity before a structured release of responsibility • Practice and Apply – offers differentiation support and problem solving to apply the new concept, this is also where teachers will find common error alerts to support common mistakes students when attempting to make sense of concepts, students will also build on the essential question for the chapter to apply new concepts to theme question. • Wrap Up – formative assessment and test practice designed to diagnose student errors, assign homework, differentiate instruction for additional remediation or advanced level work, and utilize a game from My Learning Stations to build fluency and additional practice.

Main Components & Ancillary Items Needed for Implementation:	The *McGraw-Hill My My Math* Student Edition is a consumable, write-in textbook that contains everything students need to learn and practice math. The program includes vocabulary support, homework pages, and lessons on problem-solving as well as connections to hands-on activities with real-world learning experiences. The *McGraw-Hill My My Math* Online Student Center provides a simple, easy-to-access student site for all of the *McGraw-Hill My My Math* digital resources: • Chapter Videos • Animations • Math Adventures • Personal Tutors • Visual Vocabulary Cards • Message Board for teachers to post class announcements • Homework Section for students to view class assignments • eHelp for School to Home connections and review
Professional Development /Training Required?	[X] **YES** [ ] **NO**

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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If applicable, explain in-service training, required, number of hours and fees associated with service:
McGraw-Hill My Math offers built-in **professional development videos** within the program to help teachers gain a deeper understanding of the lesson concepts and strategies. These videos include support for classroom management, lesson modeling and a series on implementing the Standards of Mathematical Practice in the classroom instruction. Look for the Professional Development option in the chapter drop-down menu in the *Teacher Center* on www.connected.mcgraw-hill.com
In addition to the built-in program supports, McGraw-Hill Education is fully committed to providing exemplary instructional materials, assessments, and professional development support to schools. To successfully meet the needs of all educators, we have a cadre of National and Local Consultants, Authors, and Product Managers whose years of experience in education and professional development are nationally recognized. In the spirit of partnership, McGraw-Hill Education will maintain close communication with county personnel to assure customization of sustained and systemic professional development offerings that support the needs of students and teachers. We will design training around your needs and, with our consultant staff, we can provide:

- On-site professional development
- Regional or county organized professional development
- School year or summer workshops
- Online/web-based training
- Video training

In addition, local sales representatives and consultants are available by phone and email to offer help and support and can provide frequent on-site visits if needed.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *McGraw-Hill My My Math* is housed on our platform called ConnectED. The platform provides a teacher resource for planning and customizing lessons, managing your classroom by utilizing an assignment tracker to track assigned tasks and message board to communicate with students as well as accessing resources. It also contains a complete eAssessment feature that allows teachers to access readymade assessments and/or customize assessments, score and reporting options. Students will be able to access all the animation features, games, virtual manipulatives, level problem solving readers, and a collaborative feature that allows students to post and respond to their class
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 5-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	***All*** student and teacher materials are available online. Additional examples, practice opportunities and games are also available online which include: **For Students: *McGraw-Hill My Math Student Center*** • Online Student Edition –access to their interactive Student Edition online. • Chapter Videos – Theme based videos model math application in real-world settings • Animations – Lesson-based animations support student understanding of key mathematical concepts. • Math Adventures – Interactive digital learning activities help students practice basic computational skills. • Personal Tutors – Online "virtual teachers" walk students through the steps of the lesson problems and examples. • Visual Vocabulary Cards – Students can easily study the key mathematical vocabulary related to their lessons. ***For Teachers: McGraw-Hill My Math Teacher Center*** • Online Teacher Center - Teachers easilyplan and customize their lessons and presentations, as well as assign, homework and practice pages via the Teacher Center. Teachers have access to printable tests, reteach worksheets, enrich worksheets, Smarter Balanced Assessment Prep, and Project-based Learning activities. • eAssessment includes premade tests and technology-enhanced question types that help students practice for new online assessments. Teachers can use the tests provided or customize and add their own questions. Easily accessible reports provide the data to inform teacher instruction in real time. CCSS and state correlation options are available. • Online Teacher Edition – access their full Teacher Edition online. • Problem of the Day – Ready to use with an Interactive Whiteboard, this resource provides daily opportunities to develop mathematical literacy and computational fluency. • Common Core Quick Check – This digital resource provides quick assessments for each lesson in the Student Edition. • Interactive Guide – This English Language Learner resource can also be used for ALL students to teach the language of mathematics. It provides vocabulary building graphic organizers, note-taking and guided writing, Visual Kinesthetic Vocabulary, unpacking of Mathematical Practices, and support for Problem-Solving Investigations. Includes a Student book and a Teacher Guide. • Strategic Intervention Guide – This guide provides suggestions for intervention before students begin grade level instruction. • Diagnostic Placement Tests – These resources assess student knowledge at the beginning of the year to determine whether they need additional support to meet the grade level standards.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Everyday Mathematics ESSENTIAL STUDENT MATERIAL SET**	**Copyright: (this must match Submission/Bid Form & Sample)** **2016** **ISBN number: (must match Submission-Bid Form & Sample)** **9780021339549**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Bell et al**	**Grade Level: (this must match Submission/Bid Form & Sample)** **K**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): *Everyday Mathematics* Common Core State Standards edition fully aligns with the Common Core State Standards for Mathematics. Both are founded on cross-disciplinary skills such as critical thinking and problem solving. The Standards for Mathematical Practice, described in the Common Core State Standards, form a cohesive match with the already-proven instructional design of *Everyday Mathematics*. At every grade level, the Grade-Level Goals, which state the core content that is assessed at each grade level, align with the Standards for Mathematical Content.		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	*Everyday Mathematics* is a PreK-6 core mathematics program developed at University of Chicago and grounded in substantial field testing and a distinct research-based philosophy. *Everyday Mathematics* provides rigorous instruction, promoting long-term retention and deeply incorporated problem-solving and game-based learning. The curriculum has a spiraled approach, distributing learning throughout the curriculum. Research has shown children learn best through distributed practice – when new topics are presented at a brisk pace, with multiple exposures over time and frequent opportunities for review and practice, often referred to as a "Spiral Curriculum". The *Everyday Mathematics* curriculum optimizes these conditions for learning and retaining knowledge, by introducing new concepts or skills informally and then revisited in a variety of contexts over several grades. Subsequent exposures build upon previous experience, helping children develop both knowledge of mathematics and their ability and willingness to apply what they know.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	*Everyday Mathematics* is a core program intended for 60-75 minutes of daily math instruction. Each grade level contains 8-9 units. You should plan to complete one unit every 3-5 weeks. The program can be implemented or in a hybrid environment. Everyday Mathematics is a hands-on curriculum that builds on students' interests and experiences, reinforcing content over time. The *Everyday Mathematics* program provides teachers with lessons and activities that naturally address the different learning modalities of visual/spatial, verbal, logical/mathematical, interpersonal, intrapersonal, bodily/kinesthetic and musical in order to make the most of students' varying abilities and learning styles. For example, teachers will find that the *Everyday Mathematics* program incorporates opportunities for students to experience mathematics bodily/kinesthetically through the utilization of a variety of manipulatives to facilitate and model mathematical thinking. Also, by providing opportunities for whole-class, small-group and partnership discussions to describe and share mathematical strategies and solutions, the *Everyday Mathematics* program is able to capitalize on the ability/style of the more intrapersonal learner.

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Main Components & Ancillary Items Needed for Implementation:	All resourced needed for instruction are included, including digital access for teachers and students. Student Materials (Grade K) includes: • Student Learning Center Access: Online experience that enables students to interact with digital versions of the lessons, eTools, EM at Home and more! • My First Math Book: A flip-book format helps young minds organize and record their math understandings. • Math at Home, Books 1-3: Activity suggestions for families to help children develop strong math foundations. Student Materials (Grades 1-6) include: • Student Learning Center Access: Online experience that enables students to interact with digital versions of nearly every lesson activity, including Math Journals, assessments, eTools, and more! • Student Math Journal (Vol. 1 & 2): Focused concept and skill development, alongside ongoing practice, provides a long-term record of students' mathematical development. • My Reference Book (Grades 1-2)/Student Reference Book (Grades 3-6): Explanations and examples to guide student learning of important mathematical concepts and skills • Pattern-Block Template (Grades 1-2)/Geometry Template (Grades 4,6): Hands-on support to develop deep understanding of various mathematical concepts. The Comprehensive Classroom Resource Packages (Grades K-6) contains all the materials a teacher needs to facilitate instruction in their classroom, including: • ConnectED Teacher Center: Online experience that contains access to full curriculum resources and

	additional instructional and assessment support such as ePresentations, eToolkit, Spiral Tracker, and more! • Teacher's Lesson Guides (Vol. 1 & 2): Comprehensive guide to the *Everyday Mathematics* lessons and assessments. • Assessment Handbook: All assessment masters for unit-based and interim assessments. • Math Masters: Reproducible masters for lessons, Home Links, Family Letters, and games. • Activity Cards: Self-guided activities to differentiate and extend the focus of each lesson through small-group activities. • Minute Math (Grade K)/Minute Math+ (Grades 1-3): Quick and easy activities to engage students in spare moments throughout the day. • Resources for the Kindergarten Classroom (K only): Thematic activities to bring math to life for young learners. • Sing Everyday! Music CD (Grade K): Fun and engaging songs that support learning. • Grade-Specific Content Posters & Standards for Mathematical Practice Posters: Visual reminders to support student learning of important math concepts • Home Connection Handbook eBook: Online resource with reproducible masters, tips, and tools for home communication for use by both teachers and administrators • Implementation Guide eBook: Online resource with information on implementing the curriculum Program manipulatives are available to support each grade-level.
Professional Development /Training Required?	[x] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: McGraw-Hill School Education is committed to working with the educators of all school districts for a successful implementation of *Everyday Mathematics.* Upon adoption, we will work with the district to create a customized professional development plan that meets the needs of Idaho.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Everyday Mathematics* is housed on our online platform called ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	Digital manipulatives, Geometer's Sketchpad® activities, and tutorial animations are embedded at point-of-use to aid in completing assignments, activities, and assessments. *Everyday Mathematics* is an interactive web site which requires an internet connection. All of the PDFs for the lessons are available to download. All assessments in *Everyday Mathematics* can be taken online. There are daily assessment opportunities, as each lesson includes Assessment Check-Ins that help you make sure your students are progressing toward mastery. Two-day Unit Assessments provide the opportunity to measure your students' mastery of the focus content of each unit, but they also give the chance to extend your students' learning and reinforce their skills. Teachers have access to eAssessment, which allows them to create quizzes, tests, worksheets and more using thousands of items from the item banks.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Everyday Mathematics ESSENTIAL STUDENT MATERIAL SET**	**Copyright: (this must match Submission/Bid Form & Sample)** **2016** **ISBN number: (must match Submission-Bid Form & Sample)** **9780021416516**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Bell et al**	**Grade Level: (this must match Submission/Bid Form & Sample)** **1**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Everyday Mathematics Common Core State Standards edition fully aligns with the Common Core State Standards for Mathematics. Both are founded on cross-disciplinary skills such as critical thinking and problem solving. The Standards for Mathematical Practice, described in the Common Core State Standards, form a cohesive match with the already-proven instructional design of *Everyday Mathematics*. At every grade level, the Grade-Level Goals, which state the core content that is assessed at each grade level, align with the Standards for Mathematical Content.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	*Everyday Mathematics* is a PreK-6 core mathematics program developed at University of Chicago and grounded in substantial field testing and a distinct research-based philosophy. *Everyday Mathematics* provides rigorous instruction, promoting long-term retention and deeply incorporated problem-solving and game-based learning. The curriculum has a spiraled approach, distributing learning throughout the curriculum. Research has shown children learn best through distributed practice – when new topics are presented at a brisk pace, with multiple exposures over time and frequent opportunities for review and practice, often referred to as a "Spiral Curriculum". The *Everyday Mathematics* curriculum optimizes these conditions for learning and retaining knowledge, by introducing new concepts or skills informally and then revisited in a variety of contexts over several grades. Subsequent exposures build upon previous experience, helping children develop both knowledge of mathematics and their ability and willingness to apply what they know.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	*Everyday Mathematics* is a core program intended for 60-75 minutes of daily math instruction. Each grade level contains 8-9 units. You should plan to complete one unit every 3-5 weeks. The program can be implemented or in a hybrid environment. Everyday Mathematics is a hands-on curriculum that builds on students' interests and experiences, reinforcing content over time. The *Everyday Mathematics* program provides teachers with lessons and activities that naturally address the different learning modalities of visual/spatial, verbal, logical/mathematical, interpersonal, intrapersonal, bodily/kinesthetic and musical in order to make the most of students' varying abilities and learning styles. For example, teachers will find that the *Everyday Mathematics* program incorporates opportunities for students to experience mathematics bodily/kinesthetically through the utilization of a variety of manipulatives to facilitate and model mathematical thinking. Also, by providing opportunities for whole-class, small-group and partnership discussions to describe and share mathematical strategies and solutions, the *Everyday Mathematics* program is able to capitalize on the ability/style of the more intrapersonal learner.

Best Practices in Program Design:	*Everyday Mathematics'* focus on real-life problem solving forces students to see how math touches their lives every day. Students are given the freedom to explore different ways of solving problems and taught how to communicate their mathematical thinking. These are recognized strengths of the *Everyday Mathematics* program and are a large part of the Common Core State Standards. In particular, the Standards of Mathematical Practice are covered extensively in *Everyday Mathematics* and have been the heart of the program for the last 25 years when NCTM released a precursor to the Practice Standards called the Process Standards. Students are provided opportunities to learn concepts and practice skills in a variety of representations. A concept like fractions may first be introduced using a concrete representation such as base-ten blocks. Next, the student may be asked to draw a pictorial representation of a fraction. A story problem may be introduced and finally an abstract representation of the fraction is introduced to the student. Using multiple representations of concepts helps students understand how abstract or formulaic representations of math are connected to the physical world.

Main Components & Ancillary Items Needed for Implementation:	All resourced needed for instruction are included, including digital access for teachers and students. Student Materials (Grade K) includes: • Student Learning Center Access: Online experience that enables students to interact with digital versions of the lessons, eTools, EM at Home and more! • My First Math Book: A flip-book format helps young minds organize and record their math understandings. • Math at Home, Books 1-3: Activity suggestions for families to help children develop strong math foundations. Student Materials (Grades 1-6) include: • Student Learning Center Access: Online experience that enables students to interact with digital versions of nearly every lesson activity, including Math Journals, assessments, eTools, and more! • Student Math Journal (Vol. 1 & 2): Focused concept and skill development, alongside ongoing practice, provides a long-term record of students' mathematical development. • My Reference Book (Grades 1-2)/Student Reference Book (Grades 3-6): Explanations and examples to guide student learning of important mathematical concepts and skills • Pattern-Block Template (Grades 1-2)/Geometry Template (Grades 4,6): Hands-on support to develop deep understanding of various mathematical concepts.

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	The Comprehensive Classroom Resource Packages (Grades K-6) contains all the materials a teacher needs to facilitate instruction in their classroom, including: • ConnectED Teacher Center: Online experience that contains access to full curriculum resources and additional instructional and assessment support such as ePresentations, eToolkit, Spiral Tracker, and more! • Teacher's Lesson Guides (Vol. 1 & 2): Comprehensive guide to the *Everyday Mathematics* lessons and assessments. • Assessment Handbook: All assessment masters for unit-based and interim assessments. • Math Masters: Reproducible masters for lessons, Home Links, Family Letters, and games. • Activity Cards: Self-guided activities to differentiate and extend the focus of each lesson through small-group activities. • Minute Math (Grade K)/Minute Math+ (Grades 1-3): Quick and easy activities to engage students in spare moments throughout the day. • Resources for the Kindergarten Classroom (K only): Thematic activities to bring math to life for young learners. • Sing Everyday! Music CD (Grade K): Fun and engaging songs that support learning. • Grade-Specific Content Posters & Standards for Mathematical Practice Posters: Visual reminders to support student learning of important math concepts • Home Connection Handbook eBook: Online resource with reproducible masters, tips, and tools for home communication for use by both teachers and administrators • Implementation Guide eBook: Online resource with information on implementing the curriculum Program manipulatives are available to support each grade-level.
Professional Development /Training Required?	[x] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: McGraw-Hill School Education is committed to working with the educators of all school districts for a successful implementation of *Everyday Mathematics.* Upon adoption, we will work with the district to create a customized professional development plan that meets the needs of Idaho.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
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Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
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IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Everyday Mathematics ESSENTIAL STUDENT MATERIAL SET**	**Copyright: (this must match Submission/Bid Form & Sample)** **2016** **ISBN number: (must match Submission-Bid Form & Sample)** **9780021416554**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Bell et al**	**Grade Level: (this must match Submission/Bid Form & Sample)** **2**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
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Professional Development /Training Required?	[x] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: McGraw-Hill School Education is committed to working with the educators of all school districts for a successful implementation of *Everyday Mathematics.* Upon adoption, we will work with the district to create a customized professional development plan that meets the needs of Idaho.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
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Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
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Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	Digital manipulatives, Geometer's Sketchpad® activities, and tutorial animations are embedded at point-of-use to aid in completing assignments, activities, and assessments. *Everyday Mathematics* is an interactive web site which requires an internet connection. All of the PDFs for the lessons are available to download. All assessments in *Everyday Mathematics* can be taken online. There are daily assessment opportunities, as each lesson includes Assessment Check-Ins that help you make sure your students are progressing toward mastery. Two-day Unit Assessments provide the opportunity to measure your students' mastery of the focus content of each unit, but they also give the chance to extend your students' learning and reinforce their skills. Teachers have access to eAssessment, which allows them to create quizzes, tests, worksheets and more using thousands of items from the item banks.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Everyday Mathematics ESSENTIAL STUDENT MATERIAL SET**	**Copyright: (this must match Submission/Bid Form & Sample)** **2016** **ISBN number: (must match Submission-Bid Form & Sample)** **9780076681860**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Bell et al**	**Grade Level: (this must match Submission/Bid Form & Sample)** **3**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Everyday Mathematics Common Core State Standards edition fully aligns with the Common Core State Standards for Mathematics. Both are founded on cross-disciplinary skills such as critical thinking and problem solving. The Standards for Mathematical Practice, described in the Common Core State Standards, form a cohesive match with the already-proven instructional design of *Everyday Mathematics*. At every grade level, the Grade-Level Goals, which state the core content that is assessed at each grade level, align with the Standards for Mathematical Content.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	*Everyday Mathematics* is a PreK-6 core mathematics program developed at University of Chicago and grounded in substantial field testing and a distinct research-based philosophy. *Everyday Mathematics* provides rigorous instruction, promoting long-term retention and deeply incorporated problem-solving and game-based learning. The curriculum has a spiraled approach, distributing learning throughout the curriculum. Research has shown children learn best through distributed practice – when new topics are presented at a brisk pace, with multiple exposures over time and frequent opportunities for review and practice, often referred to as a "Spiral Curriculum". The *Everyday Mathematics* curriculum optimizes these conditions for learning and retaining knowledge, by introducing new concepts or skills informally and then revisited in a variety of contexts over several grades. Subsequent exposures build upon previous experience, helping children develop both knowledge of mathematics and their ability and willingness to apply what they know.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	*Everyday Mathematics* is a core program intended for 60-75 minutes of daily math instruction. Each grade level contains 8-9 units. You should plan to complete one unit every 3-5 weeks. The program can be implemented or in a hybrid environment. Everyday Mathematics is a hands-on curriculum that builds on students' interests and experiences, reinforcing content over time. The *Everyday Mathematics* program provides teachers with lessons and activities that naturally address the different learning modalities of visual/spatial, verbal, logical/mathematical, interpersonal, intrapersonal, bodily/kinesthetic and musical in order to make the most of students' varying abilities and learning styles. For example, teachers will find that the *Everyday Mathematics* program incorporates opportunities for students to experience mathematics bodily/kinesthetically through the utilization of a variety of manipulatives to facilitate and model mathematical thinking. Also, by providing opportunities for whole-class, small-group and partnership discussions to describe and share mathematical strategies and solutions, the *Everyday Mathematics* program is able to capitalize on the ability/style of the more intrapersonal learner.

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Main Components & Ancillary Items Needed for Implementation:	All resourced needed for instruction are included, including digital access for teachers and students. Student Materials (Grade K) includes: • Student Learning Center Access: Online experience that enables students to interact with digital versions of the lessons, eTools, EM at Home and more! • My First Math Book: A flip-book format helps young minds organize and record their math understandings. • Math at Home, Books 1-3: Activity suggestions for families to help children develop strong math foundations. Student Materials (Grades 1-6) include: • Student Learning Center Access: Online experience that enables students to interact with digital versions of nearly every lesson activity, including Math Journals, assessments, eTools, and more! • Student Math Journal (Vol. 1 & 2): Focused concept and skill development, alongside ongoing practice,

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Professional Development /Training Required?	[x] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: McGraw-Hill School Education is committed to working with the educators of all school districts for a successful implementation of *Everyday Mathematics.* Upon adoption, we will work with the district to create a customized professional development plan that meets the needs of Idaho.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Everyday Mathematics* is housed on our online platform called ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
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IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

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Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Bell et al**	**Grade Level: (this must match Submission/Bid Form & Sample)** **4**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Everyday Mathematics Common Core State Standards edition fully aligns with the Common Core State Standards for Mathematics. Both are founded on cross-disciplinary skills such as critical thinking and problem solving. The Standards for Mathematical Practice, described in the Common Core State Standards, form a cohesive match with the already-proven instructional design of *Everyday Mathematics*. At every grade level, the Grade-Level Goals, which state the core content that is assessed at each grade level, align with the Standards for Mathematical Content.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	*Everyday Mathematics* is a PreK-6 core mathematics program developed at University of Chicago and grounded in substantial field testing and a distinct research-based philosophy. *Everyday Mathematics* provides rigorous instruction, promoting long-term retention and deeply incorporated problem-solving and game-based learning. The curriculum has a spiraled approach, distributing learning throughout the curriculum. Research has shown children learn best through distributed practice – when new topics are presented at a brisk pace, with multiple exposures over time and frequent opportunities for review and practice, often referred to as a "Spiral Curriculum". The *Everyday Mathematics* curriculum optimizes these conditions for learning and retaining knowledge, by introducing new concepts or skills informally and then revisited in a variety of contexts over several grades. Subsequent exposures build upon previous experience, helping children develop both knowledge of mathematics and their ability and willingness to apply what they know.

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Main Components & Ancillary Items Needed for Implementation:	All resourced needed for instruction are included, including digital access for teachers and students. Student Materials (Grade K) includes: • Student Learning Center Access: Online experience that enables students to interact with digital versions of the lessons, eTools, EM at Home and more! • My First Math Book: A flip-book format helps young minds organize and record their math understandings. • Math at Home, Books 1-3: Activity suggestions for families to help children develop strong math foundations. Student Materials (Grades 1-6) include: • Student Learning Center Access: Online experience that enables students to interact with digital versions of nearly every lesson activity, including Math Journals, assessments, eTools, and more! • Student Math Journal (Vol. 1 & 2): Focused concept and skill development, alongside ongoing practice,

	provides a long-term record of students' mathematical development. • My Reference Book (Grades 1-2)/Student Reference Book (Grades 3-6): Explanations and examples to guide student learning of important mathematical concepts and skills • Pattern-Block Template (Grades 1-2)/Geometry Template (Grades 4,6): Hands-on support to develop deep understanding of various mathematical concepts. The Comprehensive Classroom Resource Packages (Grades K-6) contains all the materials a teacher needs to facilitate instruction in their classroom, including: • ConnectED Teacher Center: Online experience that contains access to full curriculum resources and additional instructional and assessment support such as ePresentations, eToolkit, Spiral Tracker, and more! • Teacher's Lesson Guides (Vol. 1 & 2): Comprehensive guide to the *Everyday Mathematics* lessons and assessments. • Assessment Handbook: All assessment masters for unit-based and interim assessments. • Math Masters: Reproducible masters for lessons, Home Links, Family Letters, and games. • Activity Cards: Self-guided activities to differentiate and extend the focus of each lesson through small-group activities. • Minute Math (Grade K)/Minute Math+ (Grades 1-3): Quick and easy activities to engage students in spare moments throughout the day. • Resources for the Kindergarten Classroom (K only): Thematic activities to bring math to life for young learners. • Sing Everyday! Music CD (Grade K): Fun and engaging songs that support learning. • Grade-Specific Content Posters & Standards for Mathematical Practice Posters: Visual reminders to support student learning of important math concepts • Home Connection Handbook eBook: Online resource with reproducible masters, tips, and tools for home communication for use by both teachers and administrators • Implementation Guide eBook: Online resource with information on implementing the curriculum Program manipulatives are available to support each grade-level.
Professional Development /Training Required?	[X] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: McGraw-Hill School Education is committed to working with the educators of all school districts for a successful implementation of *Everyday Mathematics.* Upon adoption, we will work with the district to create a customized professional development plan that meets the needs of Idaho.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Everyday Mathematics* is housed on our online platform called ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	Digital manipulatives, Geometer's Sketchpad® activities, and tutorial animations are embedded at point-of-use to aid in completing assignments, activities, and assessments. *Everyday Mathematics* is an interactive web site which requires an internet connection. All of the PDFs for the lessons are available to download. All assessments in *Everyday Mathematics* can be taken online. There are daily assessment opportunities, as each lesson includes Assessment Check-Ins that help you make sure your students are progressing toward mastery. Two-day Unit Assessments provide the opportunity to measure your students' mastery of the focus content of each unit, but they also give the chance to extend your students' learning and reinforce their skills. Teachers have access to eAssessment, which allows them to create quizzes, tests, worksheets and more using thousands of items from the item banks.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Everyday Mathematics ESSENTIAL STUDENT MATERIAL SET**	**Copyright: (this must match Submission/Bid Form & Sample)** **2016** **ISBN number: (must match Submission-Bid Form & Sample)** **9780076681211**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Bell et al**	**Grade Level: (this must match Submission/Bid Form & Sample)** **5**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Everyday Mathematics Common Core State Standards edition fully aligns with the Common Core State Standards for Mathematics. Both are founded on cross-disciplinary skills such as critical thinking and problem solving. The Standards for Mathematical Practice, described in the Common Core State Standards, form a cohesive match with the already-proven instructional design of *Everyday Mathematics*. At every grade level, the Grade-Level Goals, which state the core content that is assessed at each grade level, align with the Standards for Mathematical Content.

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	*Everyday Mathematics* is a PreK-6 core mathematics program developed at University of Chicago and grounded in substantial field testing and a distinct research-based philosophy. *Everyday Mathematics* provides rigorous instruction, promoting long-term retention and deeply incorporated problem-solving and game-based learning. The curriculum has a spiraled approach, distributing learning throughout the curriculum. Research has shown children learn best through distributed practice – when new topics are presented at a brisk pace, with multiple exposures over time and frequent opportunities for review and practice, often referred to as a "Spiral Curriculum". The *Everyday Mathematics* curriculum optimizes these conditions for learning and retaining knowledge, by introducing new concepts or skills informally and then revisited in a variety of contexts over several grades. Subsequent exposures build upon previous experience, helping children develop both knowledge of mathematics and their ability and willingness to apply what they know.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	*Everyday Mathematics* is a core program intended for 60-75 minutes of daily math instruction. Each grade level contains 8-9 units. You should plan to complete one unit every 3-5 weeks. The program can be implemented or in a hybrid environment. Everyday Mathematics is a hands-on curriculum that builds on students' interests and experiences, reinforcing content over time. The *Everyday Mathematics* program provides teachers with lessons and activities that naturally address the different learning modalities of visual/spatial, verbal, logical/mathematical, interpersonal, intrapersonal, bodily/kinesthetic and musical in order to make the most of students' varying abilities and learning styles. For example, teachers will find that the *Everyday Mathematics* program incorporates opportunities for students to experience mathematics bodily/kinesthetically through the utilization of a variety of manipulatives to facilitate and model mathematical thinking. Also, by providing opportunities for whole-class, small-group and partnership discussions to describe and share mathematical strategies and solutions, the *Everyday Mathematics* program is able to capitalize on the ability/style of the more intrapersonal learner.

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Professional Development /Training Required?	[X] **YES** [ ] **NO**
If applicable, explain in-service training, required, number of hours and fees associated with service: McGraw-Hill School Education is committed to working with the educators of all school districts for a successful implementation of *Everyday Mathematics.* Upon adoption, we will work with the district to create a customized professional development plan that meets the needs of Idaho.	

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IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

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Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Bell et al**	**Grade Level: (this must match Submission/Bid Form & Sample)** **6**

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Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	*Everyday Mathematics* is a core program intended for 60-75 minutes of daily math instruction. Each grade level contains 8-9 units. You should plan to complete one unit every 3-5 weeks. The program can be implemented or in a hybrid environment. Everyday Mathematics is a hands-on curriculum that builds on students' interests and experiences, reinforcing content over time. The *Everyday Mathematics* program provides teachers with lessons and activities that naturally address the different learning modalities of visual/spatial, verbal, logical/mathematical, interpersonal, intrapersonal, bodily/kinesthetic and musical in order to make the most of students' varying abilities and learning styles. For example, teachers will find that the *Everyday Mathematics* program incorporates opportunities for students to experience mathematics bodily/kinesthetically through the utilization of a variety of manipulatives to facilitate and model mathematical thinking. Also, by providing opportunities for whole-class, small-group and partnership discussions to describe and share mathematical strategies and solutions, the *Everyday Mathematics* program is able to capitalize on the ability/style of the more intrapersonal learner.

Best Practices in Program Design:	*Everyday Mathematics'* focus on real-life problem solving forces students to see how math touches their lives every day. Students are given the freedom to explore different ways of solving problems and taught how to communicate their mathematical thinking. These are recognized strengths of the *Everyday Mathematics* program and are a large part of the Common Core State Standards. In particular, the Standards of Mathematical Practice are covered extensively in *Everyday Mathematics* and have been the heart of the program for the last 25 years when NCTM released a precursor to the Practice Standards called the Process Standards. Students are provided opportunities to learn concepts and practice skills in a variety of representations. A concept like fractions may first be introduced using a concrete representation such as base-ten blocks. Next, the student may be asked to draw a pictorial representation of a fraction. A story problem may be introduced and finally an abstract representation of the fraction is introduced to the student. Using multiple representations of concepts helps students understand how abstract or formulaic representations of math are connected to the physical world.

Main Components & Ancillary Items Needed for Implementation:	All resourced needed for instruction are included, including digital access for teachers and students. Student Materials (Grade K) includes: • Student Learning Center Access: Online experience that enables students to interact with digital versions of the lessons, eTools, EM at Home and more! • My First Math Book: A flip-book format helps young minds organize and record their math understandings. • Math at Home, Books 1-3: Activity suggestions for families to help children develop strong math foundations. Student Materials (Grades 1-6) include: • Student Learning Center Access: Online experience that enables students to interact with digital versions of nearly every lesson activity, including Math Journals, assessments, eTools, and more! • Student Math Journal (Vol. 1 & 2): Focused concept and skill development, alongside ongoing practice,

	provides a long-term record of students' mathematical development. • My Reference Book (Grades 1-2)/Student Reference Book (Grades 3-6): Explanations and examples to guide student learning of important mathematical concepts and skills • Pattern-Block Template (Grades 1-2)/Geometry Template (Grades 4,6): Hands-on support to develop deep understanding of various mathematical concepts. The Comprehensive Classroom Resource Packages (Grades K-6) contains all the materials a teacher needs to facilitate instruction in their classroom, including: • ConnectED Teacher Center: Online experience that contains access to full curriculum resources and additional instructional and assessment support such as ePresentations, eToolkit, Spiral Tracker, and more! • Teacher's Lesson Guides (Vol. 1 & 2): Comprehensive guide to the *Everyday Mathematics* lessons and assessments. • Assessment Handbook: All assessment masters for unit-based and interim assessments. • Math Masters: Reproducible masters for lessons, Home Links, Family Letters, and games. • Activity Cards: Self-guided activities to differentiate and extend the focus of each lesson through small-group activities. • Minute Math (Grade K)/Minute Math+ (Grades 1-3): Quick and easy activities to engage students in spare moments throughout the day. • Resources for the Kindergarten Classroom (K only): Thematic activities to bring math to life for young learners. • Sing Everyday! Music CD (Grade K): Fun and engaging songs that support learning. • Grade-Specific Content Posters & Standards for Mathematical Practice Posters: Visual reminders to support student learning of important math concepts • Home Connection Handbook eBook: Online resource with reproducible masters, tips, and tools for home communication for use by both teachers and administrators • Implementation Guide eBook: Online resource with information on implementing the curriculum Program manipulatives are available to support each grade-level.
Professional Development /Training Required?	[X] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: McGraw-Hill School Education is committed to working with the educators of all school districts for a successful implementation of *Everyday Mathematics.* Upon adoption, we will work with the district to create a customized professional development plan that meets the needs of Idaho.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Everyday Mathematics* is housed on our online platform called ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	Digital manipulatives, Geometer's Sketchpad® activities, and tutorial animations are embedded at point-of-use to aid in completing assignments, activities, and assessments. *Everyday Mathematics* is an interactive web site which requires an internet connection. All of the PDFs for the lessons are available to download. All assessments in *Everyday Mathematics* can be taken online. There are daily assessment opportunities, as each lesson includes Assessment Check-Ins that help you make sure your students are progressing toward mastery. Two-day Unit Assessments provide the opportunity to measure your students' mastery of the focus content of each unit, but they also give the chance to extend your students' learning and reinforce their skills. Teachers have access to eAssessment, which allows them to create quizzes, tests, worksheets and more using thousands of items from the item banks.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **NUMBER WORLDS INTERVENTION PACKAGE 6 YEAR TEACHER SUBSCRIPTION LEVEL A-J**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Altieri, Carter**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grades PK-8**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): *Number Worlds* is aligned to and built on the Common Core State Standards.		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	With a research-proven curriculum and extensive field testing, *Number Worlds* supports RtI and helps schools meet their academic objectives. As RtI encourages working with at-risk students early on, *Number Worlds* is the only math intervention curriculum with a built-in prevention program for grades Pre-K to 1. *Number Worlds* gives students the confidence and skills to excel in math. Best of all, it allows teachers to make a positive difference in their students' lives. Help struggling students accelerate math success with a proven approach. PREPARE students to meet rigorous Common Core State Standards with proven curriculum and enhanced planning tools. ENGAGE students with interactive games, embedded activities, digital resources, and project-based learning. ASSESS student achievement with dynamic, digital assessment and reporting tools.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	Daily routines drive each *Number Worlds* lesson to simplify classroom instruction. Adaptable lesson structures are designed to be customized for various educational settings, making Number Worlds an effective solution for RtI tiers 2 and 3.

Best Practices in Program Design:	*Number Worlds* is built to the Common Core State Standards, concentrating on specific standards to effectively accelerate mathematical understanding. Daily lesson activities emphasize using communication, logic, reasoning, modeling, tools, precision, structure, and patterns to solve problems. All student activities, reactions, and assessments require application of the Common Core Standards for Mathematical Practice. By allowing students to focus on mastering key standards, *Number Worlds* effectively connects concepts to close achievement gaps for students in grades Pre-K to 8.

Main Components & Ancillary Items Needed for Implementation:	**Number Worlds Teacher Material Packages** for each level (A-J) contain the following resources: - 6-year online teacher subscription - Teacher's Edition - English Language Support Guide - Activity Cards - Game Boards, Playing Cards, and Manipulatives for 5 students - Implementation Guide - Placement Test Guide In addition to the Teacher Material Packages, a print **Assessment Guide**, **Vocabulary Cards**, and additional **online subscriptions** can be purchased as supplements to the program. **Student Bundles** are purchased in sets for 5 students and include all of the consumable student workbooks needed for that level as well as 1-year, online student access for 5 students.
Professional Development /Training Required?	[X] **YES** [ ] **NO**
If applicable, explain in-service training, required, number of hours and fees associated with service: All coaching and professional development offerings are custom to each district.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Number Worlds* is housed on our platform called ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1 year and 6 year subscriptions
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	In *Number Worlds*, math is designed to be fun for all students. • An effective balance between hands-on and digital games helps students apply concepts in a variety of settings. • Every Number Worlds activity is tied to a Key Common Core State Standard, providing the instructional support necessary to get struggling students back on track. • Through purposeful activities, students develop conceptual understanding and computational fluency as they actively apply concepts. • Both group and individual activities are purposefully embedded in the curriculum to provide many opportunities for collaboration and teaming as well as personalized, individual learning. *Number Worlds* includes: • Building Blocks Activities • Strategic Digital Modeling • Digital Game Boards for Group Interaction • Hands-On games and activities for every lesson

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Glencoe Math Course 1**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **9780076691005 – Vol 1** **9780076709304 – Vol 2**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Price et al**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 6**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): *Glencoe Math 2015* was developed "from the ground up" after the final Common Core Standards were released in June 2010. Since the program was created specifically for the Common Core, the unit structure of *Glencoe Math* parallels the domain structure laid out in the Common Core Standards for Mathematics.		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The organization of the *Glencoe Math* program was purposefully designed to support a balance between the development of conceptual understandings, the need for instilling proficiency, and the desire to make the mathematics rich and meaningful to every student, so rigor is applied daily as students' model, practice and apply concepts. *Glencoe Math* features a unique "Walk-Around Teacher Edition" that contains everything you need in the classroom- it is designed to be smaller and lighter and easy to carry while teaching. This paired with the comprehensive online Teacher resources provides the teacher everything they need to plan, prepare, teach, make assignments, and stay organized in the classroom.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	Students are given multiple opportunities to practice what they have learned. Got It? exercises are provided after each example. Guided Practice exercises in regular lessons are designed to be completed in class with the teacher or in small groups. Exercise sets go beyond the skill practice and include essential questions and multi-step problems. Editable Leveled Worksheets allow for multiple differentiated assignments from the same lesson. Additional Extra Practice worksheets are provided online. eSolutions allows teachers to create differentiated worksheets from the exercises in the Student Edition. 21st Century Career Lessons utilize the concepts from the chapters in engaging real-world applications. These exercises allow the students to use mathematical practices with number sense. In addition, you can find online differentiated lessons that also go beyond the skill practice elements called Problem Based Learning in alternate teaching strategies. Online resources to support explanations include vocabulary support, animations of key concepts, personal tutors the mimic examples in the student edition, selected worked out independent practice problems, and dynamic virtual manipulatives. All online resources are found at point of use for both student and teachers.

Best Practices in Program Design:	Continuous research with teachers, students, academics, and leading experts builds a solid foundation for Glencoe Math. Expert authors, reviewers, and consultants such as UbD's Jay McTighe contributed their expertise and experience throughout the program development. Pre-development research, such as the thorough evaluation of the Common Core State Standards and Standards of Mathematical Practice, qualitative market research, and current academic content research was conducted. Formative research followed with focus testing, classroom field tests, teacher advisory boards, and input from authors, academics, consultants, and reviewers. Finally, summative research, such as quasi-experimental efficacy research, pilot programs, longitudinal studies and qualitative program evaluations are in process.

Main Components & Ancillary Items Needed for Implementation:	Student Edition Volume 1 Student Edition Volume 2 Teacher Walkaround Edition, Volume 1 Teacher Walkaround Edition, Volume 2 Common Core Practice Masters Flipbook Assessment Masters Interactive Guide for English Learners, SE
Professional Development /Training Required?	[X] **YES** [ ]

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

If applicable, explain in-service training, required, number of hours and fees associated with service:

Teachers access all of their resources electronically through their connectED portal. An entire tab within the connectED platform is dedicated to the resources for the teachers' professional development

Professional development teacher support is found in the Standards for Mathematical Practices in Action videos that reside as digital resources in ConnectEd. Featuring program author Robyn Silbey, these videos provide the objectives for each Mathematical Practice so that teachers can pinpoint specific skills and knowledge throughout instruction. The videos' content was created for the K-2, 3-5, and 6-8 grade spans. A companion online guide, Standards for Mathematical Practices in Action, describes the routine used for each viewing session and provides questions for each Mathematical Practice tailored to grade-level appropriate expectations. This resource is designed to help promote the development of professional learning communities.

McGraw-Hill's School Education Group is fully committed to providing exemplary instructional materials, assessments, and professional development support to schools. To successfully meet the needs of all educators, we have a cadre of National and Local Consultants, Authors, and Product Managers whose years of experience in education and professional development are nationally recognized. In the spirit of partnership, McGraw-Hill will maintain close communication with district personnel to assure customization of sustained and systemic professional development offerings that support the needs of students and teachers. We will design training around your needs and, with our consultant staff, can provide:

- On-site professional development
- Regional or district organized professional development
- School year or summer workshops
- Online/web-based training
- Video training

In addition, local sales representatives and consultants are available by phone and email to offer help and support and can provide frequent on-site visits if needed.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Glencoe Math* is housed on our platform called ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	*Glencoe Math* integrates technology throughout the program. Students engage in the Mathematical Practices through the use of such tools as virtual manipulatives, animations, graphic novels, calculators, and spreadsheets. Additional resources that students can use to support their learning are apps, online personal tutors, animations, videos, and games. Teachers can make homework assignments and send messages to their students.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Glencoe Math Course 2**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **9780021447893 – Vol 1** **9780021301522 – Vol 2**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Price et al**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 7**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): *Glencoe Math 2015* was developed "from the ground up" after the final Common Core Standards were released in June 2010. Since the program was created specifically for the Common Core, the unit structure of *Glencoe Math* parallels the domain structure laid out in the Common Core Standards for Mathematics.		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The organization of the *Glencoe Math* program was purposefully designed to support a balance between the development of conceptual understandings, the need for instilling proficiency, and the desire to make the mathematics rich and meaningful to every student, so rigor is applied daily as students' model, practice and apply concepts. *Glencoe Math* features a unique "Walk-Around Teacher Edition" that contains everything you need in the classroom- it is designed to be smaller and lighter and easy to carry while teaching. This paired with the comprehensive online Teacher resources provides the teacher everything they need to plan, prepare, teach, make assignments, and stay organized in the classroom.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	Students are given multiple opportunities to practice what they have learned. Got It? exercises are provided after each example. Guided Practice exercises in regular lessons are designed to be completed in class with the teacher or in small groups. Exercise sets go beyond the skill practice and include essential questions and multi-step problems. Editable Leveled Worksheets allow for multiple differentiated assignments from the same lesson. Additional Extra Practice worksheets are provided online. eSolutions allows teachers to create differentiated worksheets from the exercises in the Student Edition. 21st Century Career Lessons utilize the concepts from the chapters in engaging real-world applications. These exercises allow the students to use mathematical practices with number sense. In addition, you can find online differentiated lessons that also go beyond the skill practice elements called Problem Based Learning in alternate teaching strategies. Online resources to support explanations include vocabulary support, animations of key concepts, personal tutors the mimic examples in the student edition, selected worked out independent practice problems, and dynamic virtual manipulatives. All online resources are found at point of use for both student and teachers.

Best Practices in Program Design:	Continuous research with teachers, students, academics, and leading experts builds a solid foundation for Glencoe Math. Expert authors, reviewers, and consultants such as UbD's Jay McTighe contributed their expertise and experience throughout the program development. Pre-development research, such as the thorough evaluation of the Common Core State Standards and Standards of Mathematical Practice, qualitative market research, and current academic content research was conducted. Formative research followed with focus testing, classroom field tests, teacher advisory boards, and input from authors, academics, consultants, and reviewers. Finally, summative research, such as quasi-experimental efficacy research, pilot programs, longitudinal studies and qualitative program evaluations are in process.

Main Components & Ancillary Items Needed for Implementation:	Student Edition Volume 1 Student Edition Volume 2 Teacher Walkaround Edition, Volume 1 Teacher Walkaround Edition, Volume 2 Common Core Practice Masters Flipbook Assessment Masters Interactive Guide for English Learners, SE
Professional Development /Training Required?	[X] **YES** [ ] **NO**

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

If applicable, explain in-service training, required, number of hours and fees associated with service:

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- On-site professional development
- Regional or district organized professional development
- School year or summer workshops
- Online/web-based training
- Video training

In addition, local sales representatives and consultants are available by phone and email to offer help and support and can provide frequent on-site visits if needed.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Glencoe Math* is housed on our platform called ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
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Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Glencoe Math Course 3**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **9780076678525 – Vol 1** **9780021454259 – Vol 2**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Price et al**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 8**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): *Glencoe Math 2015* was developed "from the ground up" after the final Common Core Standards were released in June 2010. Since the program was created specifically for the Common Core, the unit structure of *Glencoe Math* parallels the domain structure laid out in the Common Core Standards for Mathematics.		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The organization of the *Glencoe Math* program was purposefully designed to support a balance between the development of conceptual understandings, the need for instilling proficiency, and the desire to make the mathematics rich and meaningful to every student, so rigor is applied daily as students' model, practice and apply concepts. *Glencoe Math* features a unique "Walk-Around Teacher Edition" that contains everything you need in the classroom- it is designed to be smaller and lighter and easy to carry while teaching. This paired with the comprehensive online Teacher resources provides the teacher everything they need to plan, prepare, teach, make assignments, and stay organized in the classroom.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	Students are given multiple opportunities to practice what they have learned. Got It? exercises are provided after each example. Guided Practice exercises in regular lessons are designed to be completed in class with the teacher or in small groups. Exercise sets go beyond the skill practice and include essential questions and multi-step problems. Editable Leveled Worksheets allow for multiple differentiated assignments from the same lesson. Additional Extra Practice worksheets are provided online. eSolutions allows teachers to create differentiated worksheets from the exercises in the Student Edition. 21st Century Career Lessons utilize the concepts from the chapters in engaging real-world applications. These exercises allow the students to use mathematical practices with number sense. In addition, you can find online differentiated lessons that also go beyond the skill practice elements called Problem Based Learning in alternate teaching strategies. Online resources to support explanations include vocabulary support, animations of key concepts, personal tutors the mimic examples in the student edition, selected worked out independent practice problems, and dynamic virtual manipulatives. All online resources are found at point of use for both student and teachers.

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Main Components & Ancillary Items Needed for Implementation:	Student Edition Volume 1 Student Edition Volume 2 Teacher Walkaround Edition, Volume 1 Teacher Walkaround Edition, Volume 2 Common Core Practice Masters Flipbook Assessment Masters Interactive Guide for English Learners, SE
Professional Development /Training Required?	[X] **YES** [ ]

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

If applicable, explain in-service training, required, number of hours and fees associated with service:

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Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	*Glencoe Math* integrates technology throughout the program. Students engage in the Mathematical Practices through the use of such tools as virtual manipulatives, animations, graphic novels, calculators, and spreadsheets. Additional resources that students can use to support their learning are apps, online personal tutors, animations, videos, and games. Teachers can make homework assignments and send messages to their students.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Glencoe Math Accelerated**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **9780076637980**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Price et al**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 7, 8**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): *Glencoe Math Accelerated* was built around the Common Core Accelerated 7th Grade Pathway.		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Built around the Common Core Accelerated 7th Grade Pathway, *Glencoe Math Accelerated* supports each teacher's unique teaching style and each student's unique learning needs like never before. Get your students excited about math with this all new program that is interactive, flexible, and highly customizable. Present math in real and relevant ways to students of all learning abilities with easy-to-find resources, customizable lesson presentations, and leveled worksheets all in one convenient online location. Transition students from consumable workbooks to casebound textbooks with the Interactive Study Guide as a companion to the hardback Student Edition.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	Step-by-step examples show students the necessary steps to solve basic skill exercises. Teachers also have the ability to display any example from the book on an Interactive White Board and reveal the examples step-by-step. Step-by-step worked out solutions are provided for several examples within the exercise sets. Selected answers for odd numbered exercises are available in the back of the Student Edition. Manipulatives and diagrams are provided throughout to introduce content and aid visual and kinesthetic learners. In addition, the Interactive Study Guide (ISG) provides accommodations for special needs learners throughout the lessons. Finally, worksheets are editable and allow for teachers to make accommodations for those with learning difficulties.

Best Practices in Program Design:	Empower Teachers to: • Plan Your Way with preloaded lesson plans, resources, and presentations which can be customized to match unique teaching styles or add your own resources for a personal touch • Teach Your Way with interactive whiteboard lessons, games, presentations, and point of use activities that engage students and helps them stay on task • Assess Your Way with choices for diagnostic, formative, and summative assessment available in ready-to-use print assessment masters or create your own tests online with McGraw-Hill's eAssessment tool Empower Students to: • Learn Their Way by establishing strong study and organizational skills for the transition to algebra and high school math with the Interactive Study • Learn in Their World with online resources such as engaging apps, animations, and videos

Main Components & Ancillary Items Needed for Implementation:	Student Edition Interactive Study Guide Teacher Walkaround Edition, Volume 1 Teacher Walkaround Edition, Volume 2 Assessment Masters
Professional Development /Training Required?	[X] **YES** [ ] **NO**

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If applicable, explain in-service training, required, number of hours and fees associated with service:

Teachers access all of their resources electronically through their connectED portal. An entire tab within the connectED platform is dedicated to the resources for the teachers' professional development

Professional development teacher support is found in the Standards for Mathematical Practices in Action videos that reside as digital resources in ConnectEd. Featuring program author Robyn Silbey, these videos provide the objectives for each Mathematical Practice so that teachers can pinpoint specific skills and knowledge throughout instruction. The videos' content was created for the K-2, 3-5, and 6-8 grade spans. A companion online guide, Standards for Mathematical Practices in Action, describes the routine used for each viewing session and provides questions for each Mathematical Practice tailored to grade-level appropriate expectations. This resource is designed to help promote the development of professional learning communities.

McGraw-Hill's School Education Group is fully committed to providing exemplary instructional materials, assessments, and professional development support to schools. To successfully meet the needs of all educators, we have a cadre of National and Local Consultants, Authors, and Product Managers whose years of experience in education and professional development are nationally recognized. In the spirit of partnership, McGraw-Hill will maintain close communication with district personnel to assure customization of sustained and systemic professional development offerings that support the needs of students and teachers. We will design training around your needs and, with our consultant staff, can provide:

- On-site professional development
- Regional or district organized professional development
- School year or summer workshops
- Online/web-based training
- Video training

In addition, local sales representatives and consultants are available by phone and email to offer help and support and can provide frequent on-site visits if needed.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Glencoe Math Accelerated* is housed on our platform called ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	*Glencoe Math Accelerated* integrates technology throughout the program. Students engage in the Mathematical Practices through the use of such tools as virtual manipulatives, animations, graphic novels, calculators, and spreadsheets. Additional resources that students can use to support their learning are apps, online personal tutors, animations, videos, and games. Teachers can make homework assignments and send messages to their students.

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2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Core Plus Course 1**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **9780076657940**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Hirsch**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 9-12**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Core-Plus Mathematics is aligned to the Common Core State Standards for Mathematical Content and fully addresses the Common Core State Standards for Mathematical Practice with an instructional design focused on problem-based learning with an emphasis on mathematical modeling. The curriculum also embodies recommendations from NCTM's *Focus on High School Mathematics: Reasoning and Sense-Making* and the GAISE document. (The project's two statistics consultants were the primary authors of the GAISE document. As in the case of each of our content consultants, they were integrally involved in the initial content design of units, reviewed and commented on units prior to field-testing, and reviewed and commented on revised units post-field-testing prior to publication.)

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The *Core-Plus Mathematics* Project has completed a revised edition of its integrated, problem-based, technology-rich four-year curriculum. Revisions were informed by recent research on student learning, continuing feedback from teachers using the curriculum materials, and the Common Core State Standards for Mathematics (CCSS), with which the new edition is strongly aligned. The CCSS Edition of *Core-Plus Mathematics* builds on the strengths of the first edition that was recognized by the U.S. Department of Education as one of six exemplary mathematics programs in the U.S., and the updated and refined second edition that was recognized by the American Institute for Research and the Business-Higher Education Forum's Strategic Ed Solutions as one of 35 education programs in the U.S. (across all subject areas) that increase student achievement and improve college and career readiness. In creating the CCSS edition of *Core-Plus Mathematics*, we have used mathematical modeling as an effective way of connecting the Mathematical Practices and the Content-related Standards across Conceptual Categories.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The integrated design of the program replaces the traditional Algebra-Geometry-Advanced Algebra-Precalculus sequence of high school mathematics with a coherent, connected development of mathematical concepts focused on four strands: Algebra & Functions, Geometry & Trigonometry, Statistics & Probability, and Discrete Mathematics. The focus on the daily lessons is on the modeling and solution of authentic problems provided within contexts that aid retention of learning and conceptual understanding.

Best Practices in Program Design:	Creation of the *Core-Plus Mathematics* curriculum and instructional materials has been guided by the development team's shared understanding of mathematics and its teaching and learning. There are at least five key dimensions of that vision: 1. Mathematical Content 2. Curriculum Sequence and Organization 3. Role of Technology 4. Instructional Design 5. Assessment Principles The Core-Plus Mathematics curriculum was developed in consultation with an international advisory board, mathematicians, instructional specialists with expertise in equity and access issues, and classroom teachers. Each course was the product of a four-year research, development, and evaluation process. New *Core-Plus Mathematics* units are focused on four strands of content that promote a connected understanding and proficiency with mathematics. The central theme of mathematical modeling in each unit connects CCSS mathematical practices and content. 1. Algebra & Functions 2. Geometry & Trigonometry 3. Statistics & Probability 4. Discrete Mathematics

Main Components & Ancillary Items Needed for Implementation:	*Core-Plus Mathematics* includes the following resources to enable the program to be implemented in either blended or digital classrooms. Student edition (with audio) Teacher edition Mobile eBooks Unit Resource Masters which include: Lesson Masters Check Your Understanding Masters Think About This Situation Masters Summarize the Mathematics Masters Unit Quizzes Unit Tests Unit Projects Standardized Test Practice *CPMP-Tools*® Software

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	Customizable Lesson Planning McGraw-Hill Online eAssessment The *Core-Plus Mathematics* resources are intended to support the teaching and learning of mathematics when used in conjunction with the program. Unique resources include *CPMP-Tools*® software, a free resource available for classroom or individual student use outside the classroom to support inquiry, discovery, and problem solving. Included in this suite of software tools, expressly designed for and embedded in the *Core-Plus Mathematics* texts, is a spreadsheet, computer algebra system (CAS), dynamic geometry tools, data analysis tools, modeling tools, and most of the data sets organized by course. The McGraw-Hill Online eAssessment enables teachers to easily create customized formative and summative assessments and assignments, and ConnectED Mobile which allows access to both the eBooks and resources from multiple locations.
Professional Development /Training Required?	[X] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: One-to-one implementation assistance, as well as easy-to-follow user guides are included with your *Core-Plus Mathematics* program. The Implementing *Core-Plus Mathematics* document also provides guidance for effective *Core-Plus Mathematics* implementation and is available online. Request a copy via your sales representative or register for an online sample. The Teacher Guide features point-of-use instructional suggestions embedded throughout the program including notes in each lesson and sample homework sets for additional support. Live, in-depth training with an experienced Educational Consultant provides a deeper dive into program pedagogy, implementation, Common Core State Standards, and much more.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Core-Plus Mathematics* is housed on our platform called ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned platform maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	*Core-Plus Mathematics* is designed to take advantage of the power and potential of technology to support students as well as teachers. Newly updated course texts, available in both online and mobile formats, paired with digital resources including McGraw-Hill Education's eAssessment and *CPMP-Tools*® are used to enhance the teaching and learning of mathematics.

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Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Core Plus Course 2**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **9780076657957**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Hirsch**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 9-11**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Core-Plus Mathematics is aligned to the Common Core State Standards for Mathematical Content and fully addresses the Common Core State Standards for Mathematical Practice with an instructional design focused on problem-based learning with an emphasis on mathematical modeling. The curriculum also embodies recommendations from NCTM's *Focus on High School Mathematics: Reasoning and Sense-Making* and the GAISE document. (The project's two statistics consultants were the primary authors of the GAISE document. As in the case of each of our content consultants, they were integrally involved in the initial content design of units, reviewed and commented on units prior to field-testing, and reviewed and commented on revised units post-field-testing prior to publication.)

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The *Core-Plus Mathematics* Project has completed a revised edition of its integrated, problem-based, technology-rich four-year curriculum. Revisions were informed by recent research on student learning, continuing feedback from teachers using the curriculum materials, and the Common Core State Standards for Mathematics (CCSS), with which the new edition is strongly aligned. The CCSS Edition of *Core-Plus Mathematics* builds on the strengths of the first edition that was recognized by the U.S. Department of Education as one of six exemplary mathematics programs in the U.S., and the updated and refined second edition that was recognized by the American Institute for Research and the Business-Higher Education Forum's Strategic Ed Solutions as one of 35 education programs in the U.S. (across all subject areas) that increase student achievement and improve college and career readiness. In creating the CCSS edition of *Core-Plus Mathematics*, we have used mathematical modeling as an effective way of connecting the Mathematical Practices and the Content-related Standards across Conceptual Categories.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The integrated design of the program replaces the traditional Algebra-Geometry-Advanced Algebra-Precalculus sequence of high school mathematics with a coherent, connected development of mathematical concepts focused on four strands: Algebra & Functions, Geometry & Trigonometry, Statistics & Probability, and Discrete Mathematics. The focus on the daily lessons is on the modeling and solution of authentic problems provided within contexts that aid retention of learning and conceptual understanding.

Best Practices in Program Design:	Creation of the *Core-Plus Mathematics* curriculum and instructional materials has been guided by the development team's shared understanding of mathematics and its teaching and learning. There are at least five key dimensions of that vision: 6. Mathematical Content 7. Curriculum Sequence and Organization 8. Role of Technology 9. Instructional Design 10. Assessment Principles The Core-Plus Mathematics curriculum was developed in consultation with an international advisory board, mathematicians, instructional specialists with expertise in equity and access issues, and classroom teachers. Each course was the product of a four-year research, development, and evaluation process. New *Core-Plus Mathematics* units are focused on four strands of content that promote a connected understanding and proficiency with mathematics. The central theme of mathematical modeling in each unit connects CCSS mathematical practices and content. 5. Algebra & Functions 6. Geometry & Trigonometry 7. Statistics & Probability 8. Discrete Mathematics

Main Components & Ancillary Items Needed for Implementation:	*Core-Plus Mathematics* includes the following resources to enable the program to be implemented in either blended or digital classrooms. Student edition (with audio) Teacher edition Mobile eBooks Unit Resource Masters which include: Lesson Masters Check Your Understanding Masters Think About This Situation Masters Summarize the Mathematics Masters Unit Quizzes Unit Tests Unit Projects Standardized Test Practice *CPMP-Tools*® Software

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	Customizable Lesson Planning McGraw-Hill Online eAssessment The *Core-Plus Mathematics* resources are intended to support the teaching and learning of mathematics when used in conjunction with the program. Unique resources include *CPMP-Tools*® software, a free resource available for classroom or individual student use outside the classroom to support inquiry, discovery, and problem solving. Included in this suite of software tools, expressly designed for and embedded in the *Core-Plus Mathematics* texts, is a spreadsheet, computer algebra system (CAS), dynamic geometry tools, data analysis tools, modeling tools, and most of the data sets organized by course. The McGraw-Hill Online eAssessment enables teachers to easily create customized formative and summative assessments and assignments, and ConnectED Mobile which allows access to both the eBooks and resources from multiple locations.
Professional Development /Training Required?	[X] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: One-to-one implementation assistance, as well as easy-to-follow user guides are included with your *Core-Plus Mathematics* program. The Implementing *Core-Plus Mathematics* document also provides guidance for effective *Core-Plus Mathematics* implementation and is available online. Request a copy via your sales representative or register for an online sample. The Teacher Guide features point-of-use instructional suggestions embedded throughout the program including notes in each lesson and sample homework sets for additional support. Live, in-depth training with an experienced Educational Consultant provides a deeper dive into program pedagogy, implementation, Common Core State Standards, and much more.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Core-Plus Mathematics* is housed on our platform called ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned platform maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	*Core-Plus Mathematics* is designed to take advantage of the power and potential of technology to support students as well as teachers. Newly updated course texts, available in both online and mobile formats, paired with digital resources including McGraw-Hill Education's eAssessment and *CPMP-Tools*® are used to enhance the teaching and learning of mathematics.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Core Plus Course 3**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **9780076657964**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Hirsch**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 9-12**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Core-Plus Mathematics is aligned to the Common Core State Standards for Mathematical Content and fully addresses the Common Core State Standards for Mathematical Practice with an instructional design focused on problem-based learning with an emphasis on mathematical modeling. The curriculum also embodies recommendations from NCTM's *Focus on High School Mathematics: Reasoning and Sense-Making* and the GAISE document. (The project's two statistics consultants were the primary authors of the GAISE document. As in the case of each of our content consultants, they were integrally involved in the initial content design of units, reviewed and commented on units prior to field-testing, and reviewed and commented on revised units post-field-testing prior to publication.)

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The *Core-Plus Mathematics* Project has completed a revised edition of its integrated, problem-based, technology-rich four-year curriculum. Revisions were informed by recent research on student learning, continuing feedback from teachers using the curriculum materials, and the Common Core State Standards for Mathematics (CCSS), with which the new edition is strongly aligned. The CCSS Edition of *Core-Plus Mathematics* builds on the strengths of the first edition that was recognized by the U.S. Department of Education as one of six exemplary mathematics programs in the U.S., and the updated and refined second edition that was recognized by the American Institute for Research and the Business-Higher Education Forum's Strategic Ed Solutions as one of 35 education programs in the U.S. (across all subject areas) that increase student achievement and improve college and career readiness. In creating the CCSS edition of *Core-Plus Mathematics*, we have used mathematical modeling as an effective way of connecting the Mathematical Practices and the Content-related Standards across Conceptual Categories.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The integrated design of the program replaces the traditional Algebra-Geometry-Advanced Algebra-Precalculus sequence of high school mathematics with a coherent, connected development of mathematical concepts focused on four strands: Algebra & Functions, Geometry & Trigonometry, Statistics & Probability, and Discrete Mathematics. The focus on the daily lessons is on the modeling and solution of authentic problems provided within contexts that aid retention of learning and conceptual understanding.

Best Practices in Program Design:	Creation of the *Core-Plus Mathematics* curriculum and instructional materials has been guided by the development team's shared understanding of mathematics and its teaching and learning. There are at least five key dimensions of that vision: 11. Mathematical Content 12. Curriculum Sequence and Organization 13. Role of Technology 14. Instructional Design 15. Assessment Principles The Core-Plus Mathematics curriculum was developed in consultation with an international advisory board, mathematicians, instructional specialists with expertise in equity and access issues, and classroom teachers. Each course was the product of a four-year research, development, and evaluation process. New *Core-Plus Mathematics* units are focused on four strands of content that promote a connected understanding and proficiency with mathematics. The central theme of mathematical modeling in each unit connects CCSS mathematical practices and content. 9. Algebra & Functions 10. Geometry & Trigonometry 11. Statistics & Probability 12. Discrete Mathematics

Main Components & Ancillary Items Needed for Implementation:	*Core-Plus Mathematics* includes the following resources to enable the program to be implemented in either blended or digital classrooms. Student edition (with audio) Teacher edition Mobile eBooks Unit Resource Masters which include: Lesson Masters Check Your Understanding Masters Think About This Situation Masters Summarize the Mathematics Masters Unit Quizzes Unit Tests Unit Projects Standardized Test Practice *CPMP-Tools*® Software

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Professional Development /Training Required?	[X] **YES** [ ] **NO**
If applicable, explain in-service training, required, number of hours and fees associated with service: One-to-one implementation assistance, as well as easy-to-follow user guides are included with your *Core-Plus Mathematics* program. The Implementing *Core-Plus Mathematics* document also provides guidance for effective *Core-Plus Mathematics* implementation and is available online. Request a copy via your sales representative or register for an online sample. The Teacher Guide features point-of-use instructional suggestions embedded throughout the program including notes in each lesson and sample homework sets for additional support. Live, in-depth training with an experienced Educational Consultant provides a deeper dive into program pedagogy, implementation, Common Core State Standards, and much more.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Core-Plus Mathematics* is housed on our platform called ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned platform maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	*Core-Plus Mathematics* is designed to take advantage of the power and potential of technology to support students as well as teachers. Newly updated course texts, available in both online and mobile formats, paired with digital resources including McGraw-Hill Education's eAssessment and *CPMP-Tools*® are used to enhance the teaching and learning of mathematics.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **Core-Plus Mathematics Course 4: Preparation for Calculus**	**Copyright: (this must match Submission/Bid Form & Sample)** **2015** **ISBN number: (must match Submission-Bid Form & Sample)** **9780076657902**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Hirsch**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 9-12**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Core-Plus Mathematics is aligned to the Common Core State Standards for Mathematical Content and fully addresses the Common Core State Standards for Mathematical Practice with an instructional design focused on problem-based learning with an emphasis on mathematical modeling. The curriculum also embodies recommendations from NCTM's *Focus on High School Mathematics: Reasoning and Sense-Making* and the GAISE document. (The project's two statistics consultants were the primary authors of the GAISE document. As in the case of each of our content consultants, they were integrally involved in the initial content design of units, reviewed and commented on units prior to field-testing, and reviewed and commented on revised units post-field-testing prior to publication.)

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The *Core-Plus Mathematics* Project has completed a revised edition of its integrated, problem-based, technology-rich four-year curriculum. Revisions were informed by recent research on student learning, continuing feedback from teachers using the curriculum materials, and the Common Core State Standards for Mathematics (CCSS), with which the new edition is strongly aligned. The CCSS Edition of *Core-Plus Mathematics* builds on the strengths of the first edition that was recognized by the U.S. Department of Education as one of six exemplary mathematics programs in the U.S., and the updated and refined second edition that was recognized by the American Institute for Research and the Business-Higher Education Forum's Strategic Ed Solutions as one of 35 education programs in the U.S. (across all subject areas) that increase student achievement and improve college and career readiness. In creating the CCSS edition of *Core-Plus Mathematics*, we have used mathematical modeling as an effective way of connecting the Mathematical Practices and the Content-related Standards across Conceptual Categories.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The integrated design of the program replaces the traditional Algebra-Geometry-Advanced Algebra-Precalculus sequence of high school mathematics with a coherent, connected development of mathematical concepts focused on four strands: Algebra & Functions, Geometry & Trigonometry, Statistics & Probability, and Discrete Mathematics. The focus on the daily lessons is on the modeling and solution of authentic problems provided within contexts that aid retention of learning and conceptual understanding.

Best Practices in Program Design:	Creation of the *Core-Plus Mathematics* curriculum and instructional materials has been guided by the development team's shared understanding of mathematics and its teaching and learning. There are at least five key dimensions of that vision: 16. Mathematical Content 17. Curriculum Sequence and Organization 18. Role of Technology 19. Instructional Design 20. Assessment Principles The Core-Plus Mathematics curriculum was developed in consultation with an international advisory board, mathematicians, instructional specialists with expertise in equity and access issues, and classroom teachers. Each course was the product of a four-year research, development, and evaluation process. New *Core-Plus Mathematics* units are focused on four strands of content that promote a connected understanding and proficiency with mathematics. The central theme of mathematical modeling in each unit connects CCSS mathematical practices and content. 13. Algebra & Functions 14. Geometry & Trigonometry 15. Statistics & Probability 16. Discrete Mathematics

Main Components & Ancillary Items Needed for Implementation:	*Core-Plus Mathematics* includes the following resources to enable the program to be implemented in either blended or digital classrooms. Student edition (with audio) Teacher edition Mobile eBooks Unit Resource Masters which include: Lesson Masters Check Your Understanding Masters Think About This Situation Masters Summarize the Mathematics Masters Unit Quizzes Unit Tests Unit Projects Standardized Test Practice *CPMP-Tools*® Software

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	Customizable Lesson Planning McGraw-Hill Online eAssessment The *Core-Plus Mathematics* resources are intended to support the teaching and learning of mathematics when used in conjunction with the program. Unique resources include *CPMP-Tools*® software, a free resource available for classroom or individual student use outside the classroom to support inquiry, discovery, and problem solving. Included in this suite of software tools, expressly designed for and embedded in the *Core-Plus Mathematics* texts, is a spreadsheet, computer algebra system (CAS), dynamic geometry tools, data analysis tools, modeling tools, and most of the data sets organized by course. The McGraw-Hill Online eAssessment enables teachers to easily create customized formative and summative assessments and assignments, and ConnectED Mobile which allows access to both the eBooks and resources from multiple locations.
Professional Development /Training Required?	[X] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: One-to-one implementation assistance, as well as easy-to-follow user guides are included with your *Core-Plus Mathematics* program. The Implementing *Core-Plus Mathematics* document also provides guidance for effective *Core-Plus Mathematics* implementation and is available online. Request a copy via your sales representative or register for an online sample. The Teacher Guide features point-of-use instructional suggestions embedded throughout the program including notes in each lesson and sample homework sets for additional support. Live, in-depth training with an experienced Educational Consultant provides a deeper dive into program pedagogy, implementation, Common Core State Standards, and much more.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Core-Plus Mathematics* is housed on our platform called ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned platform maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	*Core-Plus Mathematics* is designed to take advantage of the power and potential of technology to support students as well as teachers. Newly updated course texts, available in both online and mobile formats, paired with digital resources including McGraw-Hill Education's eAssessment and *CPMP-Tools*® are used to enhance the teaching and learning of mathematics.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **GLENCOE ALGEBRA 1**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **9780076639236**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Glencoe**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): *Glencoe Algebra 1* was re-written after the release of the common core to completely cover the content of the standards.		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Balanced instruction throughout the Glencoe High School Mathematics Series, including Algebra 1, Geometry, Algebra 2, and Precalculus, emphasizes both understanding and fluency. Features include Key Concept boxes with multiple representations, a four-step problem solving plan, correlation between examples and exercises, word problems within each lesson, reading and vocabulary support, and student-centered activity labs. The Glencoe High School Math Series is a comprehensive program, including all of the major mathematical content strands and mathematical processes. Main Ideas and Key Concepts are highlighted in the Student Edition. The Teacher Edition includes Focus on Mathematical Content for each chapter. This section provides Big Ideas, which explains why the content is important in this chapter and in later studies, and Lesson Summary features, which outline the mathematical ideas of each lesson in the chapter. The Glencoe High School Math Series is carefully aligned with national standards. Each curriculum contains Standardized Test examples and practice problems like those found on standardized tests— within the lessons, the Mid-Chapter Quiz, and the Practice Chapter Test. The Glencoe High School Math Series curriculum is coherent and coordinated. It is vertically aligned between courses and vertically aligned at the lesson level. The Teacher Edition includes a detailed description of vertical alignment for each chapter. The Focus step in each lesson includes the vertical alignment for that lesson. In the Student Edition, Get Ready for the Chapter provides both a diagnostic quiz and a review of related concepts that were previously studied. Dynamic, digital features of the program include an online Interactive Student Guide (Algebra 1, Geometry, and Algebra 2) which provides opportunities for lesson reflection, higher-order thinking, performance tasks and Common Core-style assessment questions; Geometer's Sketchpad to support visualization of difficult concepts and independent exploration; and optional embedded ALEKS for point-of-use, personalized math support and extension.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The author team reviewed the common core and the overarching goal of success beyond high school to develop a pathway that both met the standards of the common core and the instructional needs of students. Each lesson begins by providing content within the sequence and to the real world. Lessons start by addressing prior knowledge, and providing instruction through explanation and application of new concepts. The application includes both an example and an opportunity for guided practice. Students have a progression of problems starting with checks for understanding before practice and problem solving. Practice finished with application through higher order thinking problems. Each lesson finished with practice and review (Standardized Test Practice, Spiral Review, and Skills Review) The Glencoe High School Math Series has a balanced approach of explicit teaching and investigative approach to learning that includes the 4-step Problem Solving Model and the Gradual Release Model. The Teacher Editions utilize a learning progression in each lesson—launch the lesson, teach the concept, and practice & apply. Online resources, embedded at point of use in our online portal, ConnectED, are designed to support and extend learning inside and outside the classroom.

Best Practices in Program Design:	Understanding by Design (UbD) is a framework that uses backward design to create a coherent curriculum by considering the desired results first and then planning instruction. The UbD philosophy co-authored by Jay McTighe guided the development of the McGraw-Hill Education math programs. This combined by the dissection of the Common Core State Standards, Mathematical Practices, research analysis and focus groups across the nation resulted in the establishment of the core program. Supplemental pieces were developed and correlated to enhance learning experience for multiple learning levels and styles.

Main Components & Ancillary Items Needed for Implementation:	While the teacher can teach and fully cover the CCSS standards using only the print materials, the Glencoe High School Series extends beyond the printed materials to accommodate blended and digital implementations. The Glencoe High School Series provides access to ConnectED, our time-saving, online portal that houses all of the digital program resources and tools in one, convenient location. Through ConnectED, a teacher can access the complete student edition and teacher edition, the Interactive Student Guide, ALEKS (if purchased), Geometer's Sketchpad, digital animations and tutorials, editable worksheets, presentation tools, and assessment resources. Included as part of the digital resources, is access to the ConnectED Mobile App for access to eBooks to browse, write in and highlight passages in the text and instantly save the work as well as access to lesson resources. www.connected.mcgraw-hill.com allows a teacher to: • Build lesson plans with easy to find print and digital resources at point of use. • Search for activities to meet a variety of learning modalities • Teach with technology by providing virtual manipulatives, lesson animations, whole-class presentations, and more • Personalize instruction with print and digital resources • Provide students with anywhere,anytime access to resources and tools, including eBooks, tutorials,

	animations, and the eGlossary • Access eAssessment, which allows teachers to assign online assessments, track student progress, generate reports and differentiate instruction.
Professional Development /Training Required?	[X] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: There are extensive online professional development options in support of *Algebra 1* via our digital platform, ConnectEd. The district can view everything from basic navigation tutorials to real-world math teachers modeling mathematical practices in their classrooms. Please visit: www.connected.mcgraw-hill.com and use the provided demo codes to evaluate. Simply click on the "professional development" tab within the resources section of a given book's site. McGraw-Hill School Education/Glencoe offers outstanding in-service opportunities to all users of our major textbook programs in accordance with our longstanding policy of professional support for users. Our consultants are highly trained, teaching- experienced presenters who travel the nation supporting our customers. There is no charge for professional in-service, and it is available upon request during the entire life of the contract. McGraw-Hill School Education/Glencoe is fully committed to providing In-service and Professional Development opportunities. Glencoe/McGraw-Hill's professional development program will provide educators with the instructional support they need to obtain maximum benefit for their diverse classroom situations. McGraw-Hill School Education/Glencoe's dedication to excellence, with an emphasis on quality and service, is a firm foundation for continued professional development and explicit instructional guidance grounded in current research. To successfully meet the needs of school districts, McGraw-Hill School Education/Glencoe has a cadre of national and regional consultants, textbook authors, and instructional coaches whose years of experience and numerous achievements in education and professional development are nationally recognized. In the spirit of partnership, the Glencoe/McGraw-Hill representative will maintain close communication with district personnel and school administrators to ensure effective customization of staff development offerings and support the needs of students and teachers in Idaho. This includes the capacity to provide professional learning/development that may be: • Site-based • Face-to-face • Trainer-of-trainer • Content specific • Informed by a desired teacher to trainer ratio • Online, webinars, etc.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Algebra 1* is housed on our online portal, ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned platform maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	The Glencoe High School Math Series offers fully integrated technology resources for teachers, students, and parents online providing support for differentiated instruction, alternate teaching approaches, additional assessment opportunities, and motivating activities. In addition to the more than 2000 resources available in ConnectED for Algebra 1,Geometry & Algebra 2 the following interactive, digital tools are available: Interactive Student Guide (Algebra 1, Geometry, and Algebra 2) provides opportunities for lesson reflection, higher-order thinking, performance tasks and Common Core-style assessment questions. Geometer's Sketchpad to support visualization of difficult concepts and independent exploration. eLessons a customizable teacher resource specifically designed for classroom Interactive Whiteboard use including animations, explorations and games. eToolkit features online, virtual manipulatives to extend learning and exploration. Optional embedded ALEKS for adaptive, point-of-use practice, reinforcement that complements topics introduced in the classroom. eAssessment our digital, customizable assessment tool for convenient, online student and classroom tests, quizzes and practice sets. Personal Tutors for step-by-step video solutions to sample problems for student review and practice of concepts. eSolutions to enable the creation of customized worksheets and practice for delivery online or in print.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **GLENCOE ALGEBRA 2**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **9780076639908**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Glencoe**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): *Glencoe Algebra 2* was re-written after the release of the common core to completely cover the content of the standards.		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Balanced instruction throughout the Glencoe High School Mathematics Series, including Algebra 1, Geometry, Algebra 2, and Precalculus, emphasizes both understanding and fluency. Features include Key Concept boxes with multiple representations, a four-step problem solving plan, correlation between examples and exercises, word problems within each lesson, reading and vocabulary support, and student-centered activity labs. The Glencoe High School Math Series is a comprehensive program, including all of the major mathematical content strands and mathematical processes. Main Ideas and Key Concepts are highlighted in the Student Edition. The Teacher Edition includes Focus on Mathematical Content for each chapter. This section provides Big Ideas, which explains why the content is important in this chapter and in later studies, and Lesson Summary features, which outline the mathematical ideas of each lesson in the chapter. The Glencoe High School Math Series is carefully aligned with national standards. Each curriculum contains Standardized Test examples and practice problems like those found on standardized tests— within the lessons, the Mid-Chapter Quiz, and the Practice Chapter Test. The Glencoe High School Math Series curriculum is coherent and coordinated. It is vertically aligned between courses and vertically aligned at the lesson level. The Teacher Edition includes a detailed description of vertical alignment for each chapter. The Focus step in each lesson includes the vertical alignment for that lesson. In the Student Edition, Get Ready for the Chapter provides both a diagnostic quiz and a review of related concepts that were previously studied. Dynamic, digital features of the program include an online Interactive Student Guide (Algebra 1, Geometry, and Algebra 2) which provides opportunities for lesson reflection, higher-order thinking, performance tasks and Common Core-style assessment questions; Geometer's Sketchpad to support visualization of difficult concepts and independent exploration; and optional embedded ALEKS for point-of-use, personalized math support and extension.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The author team reviewed the common core and the overarching goal of success beyond high school to develop a pathway that both met the standards of the common core and the instructional needs of students. Each lesson begins by providing content within the sequence and to the real world. Lessons start by addressing prior knowledge, and providing instruction through explanation and application of new concepts. The application includes both an example and an opportunity for guided practice. Students have a progression of problems starting with checks for understanding before practice and problem solving. Practice finished with application through higher order thinking problems. Each lesson finished with practice and review (Standardized Test Practice, Spiral Review, and Skills Review) The Glencoe High School Math Series has a balanced approach of explicit teaching and investigative approach to learning that includes the 4-step Problem Solving Model and the Gradual Release Model. The Teacher Editions utilize a learning progression in each lesson—launch the lesson, teach the concept, and practice & apply. Online resources, embedded at point of use in our online portal, ConnectED, are designed to support and extend learning inside and outside the classroom.

Best Practices in Program Design:	Understanding by Design (UbD) is a framework that uses backward design to create a coherent curriculum by considering the desired results first and then planning instruction. The UbD philosophy co-authored by Jay McTighe guided the development of the McGraw-Hill Education math programs. This combined by the dissection of the Common Core State Standards, Mathematical Practices, research analysis and focus groups across the nation resulted in the establishment of the core program. Supplemental pieces were developed and correlated to enhance learning experience for multiple learning levels and styles.

Main Components & Ancillary Items Needed for Implementation:	While the teacher can teach and fully cover the CCSS standards using only the print materials, the Glencoe High School Series extends beyond the printed materials to accommodate blended and digital implementations. The Glencoe High School Series provides access to ConnectED, our time-saving, online portal that houses all of the digital program resources and tools in one, convenient location. Through ConnectED, a teacher can access the complete student edition and teacher edition, the Interactive Student Guide, ALEKS (if purchased), Geometer's Sketchpad, digital animations and tutorials, editable worksheets, presentation tools, and assessment resources. Included as part of the digital resources, is access to the ConnectED Mobile App for access to eBooks to browse, write in and highlight passages in the text and instantly save the work as well as access to lesson resources. www.connected.mcgraw-hill.com allows a teacher to: • Build lesson plans with easy to find print and digital resources at point of use. • Search for activities to meet a variety of learning modalities • Teach with technology by providing virtual manipulatives, lesson animations, whole-class presentations, and more • Personalize instruction with print and digital resources • Provide students with anywhere,anytime access to resources and tools, including eBooks, tutorials, animations, and the eGlossary

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	• Access eAssessment, which allows teachers to assign online assessments, track student progress, generate reports and differentiate instruction.
Professional Development /Training Required?	[X] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: There are extensive online professional development options in support of *Algebra 2* via our digital platform, ConnectEd. The district can view everything from basic navigation tutorials to real-world math teachers modeling mathematical practices in their classrooms. Please visit: www.connected.mcgraw-hill.com and use the provided demo codes to evaluate. Simply click on the "professional development" tab within the resources section of a given book's site. McGraw-Hill School Education/Glencoe offers outstanding in-service opportunities to all users of our major textbook programs in accordance with our longstanding policy of professional support for users. Our consultants are highly trained, teaching- experienced presenters who travel the nation supporting our customers. There is no charge for professional in-service, and it is available upon request during the entire life of the contract. McGraw-Hill School Education/Glencoe is fully committed to providing In-service and Professional Development opportunities. Glencoe/McGraw-Hill's professional development program will provide educators with the instructional support they need to obtain maximum benefit for their diverse classroom situations. McGraw-Hill School Education/Glencoe's dedication to excellence, with an emphasis on quality and service, is a firm foundation for continued professional development and explicit instructional guidance grounded in current research. To successfully meet the needs of school districts, McGraw-Hill School Education/Glencoe has a cadre of national and regional consultants, textbook authors, and instructional coaches whose years of experience and numerous achievements in education and professional development are nationally recognized. In the spirit of partnership, the Glencoe/McGraw-Hill representative will maintain close communication with district personnel and school administrators to ensure effective customization of staff development offerings and support the needs of students and teachers in Idaho. This includes the capacity to provide professional learning/development that may be: • Site-based • Face-to-face • Trainer-of-trainer • Content specific • Informed by a desired teacher to trainer ratio • Online, webinars, etc.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Algebra 2* is housed on our online portal, ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: (this must match Submission/Bid Form & Sample) **McGraw-Hill School Education, LLC**	**Title of Material: (this must match Submission/Bid Form & Sample)** **GLENCOE GEOMETRY**	**Copyright: (this must match Submission/Bid Form & Sample)** **2014** **ISBN number: (must match Submission-Bid Form & Sample)** **9780076639298**
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics (K-12)**	**Author(s): (this must match Submission/Bid Form & Sample)** **Glencoe**	**Grade Level: (this must match Submission/Bid Form & Sample)** **Grade 9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): *Glencoe Geometry* was re-written after the release of the common core to completely cover the content of the standards.		

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	• Access eAssessment, which allows teachers to assign online assessments, track student progress, generate reports and differentiate instruction.

Professional Development /Training Required? [X] **YES** [ ] **NO**

If applicable, explain in-service training, required, number of hours and fees associated with service:
There are extensive online professional development options in support of *Geometry* via our digital platform, ConnectEd. The district can view everything from basic navigation tutorials to real-world math teachers modeling mathematical practices in their classrooms. Please visit: www.connected.mcgraw-hill.com and use the provided demo codes to evaluate. Simply click on the "professional development" tab within the resources section of a given book's site.
McGraw-Hill School Education/Glencoe offers outstanding in-service opportunities to all users of our major textbook programs in accordance with our longstanding policy of professional support for users. Our consultants are highly trained, teaching- experienced presenters who travel the nation supporting our customers. There is no charge for professional in-service, and it is available upon request during the entire life of the contract.
McGraw-Hill School Education/Glencoe is fully committed to providing In-service and Professional Development opportunities. Glencoe/McGraw-Hill's professional development program will provide educators with the instructional support they need to obtain maximum benefit for their diverse classroom situations. McGraw-Hill School Education/Glencoe's dedication to excellence, with an emphasis on quality and service, is a firm foundation for continued professional development and explicit instructional guidance grounded in current research.
To successfully meet the needs of school districts, McGraw-Hill School Education/Glencoe has a cadre of national and regional consultants, textbook authors, and instructional coaches whose years of experience and numerous achievements in education and professional development are nationally recognized.
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Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Geometry* is housed on our online portal, ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned platform maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	The Glencoe High School Math Series offers fully integrated technology resources for teachers, students, and parents online providing support for differentiated instruction, alternate teaching approaches, additional assessment opportunities, and motivating activities. In addition to the more than 2000 resources available in ConnectED for Algebra 1,Geometry & Algebra 2 the following interactive, digital tools are available: Interactive Student Guide (Algebra 1, Geometry, and Algebra 2) provides opportunities for lesson reflection, higher-order thinking, performance tasks and Common Core-style assessment questions. Geometer's Sketchpad to support visualization of difficult concepts and independent exploration. eLessons a customizable teacher resource specifically designed for classroom Interactive Whiteboard use including animations, explorations and games. eToolkit features online, virtual manipulatives to extend learning and exploration. Optional embedded ALEKS for adaptive, point-of-use practice, reinforcement that complements topics introduced in the classroom. eAssessment our digital, customizable assessment tool for convenient, online student and classroom tests, quizzes and practice sets. Personal Tutors for step-by-step video solutions to sample problems for student review and practice of concepts. eSolutions to enable the creation of customized worksheets and practice for delivery online or in print.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: **(this must match Submission/Bid Form & Sample)** **McGraw-Hill School Education, LLC**	**Title of Material:** **(this must match Submission/Bid Form & Sample)** **GLENCOE PRECALCULUS**	**Copyright:** **(this must match Submission/Bid Form & Sample)** **2014** **ISBN number:** **(must match Submission-Bid Form & Sample)** **9780076641833**
Subject Area: **(this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample)** **Mathematics (K-12)**	**Author(s):** **(this must match Submission/Bid Form & Sample)** **Carter et al**	**Grade Level:** **(this must match Submission/Bid Form & Sample)** **Grade 9-12**

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Glencoe Precalculus is aligned to the Common Core State Standards recommended for a Fourth Year Math Course (course following Algebra 2). *Glencoe Precalculus* aligns to the goals and standards of the fourth year math course as defined by the Common Core State Standards. The Common Core itself states that the (+) standards can form the starting point for fourth year courses in *Glencoe Precalculus*. The format of the lessons and the overarching scope of the unit both align to designs based on best practices that offer the flexibility to easily adapt into most districts' specifications. In addition to the content standards, the standards for mathematical practice (SMP) are implemented in a number of different ways throughout the program.

Key Features: **(This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)**	Balanced instruction throughout the Glencoe High School Mathematics Series, including Algebra 1, Geometry, Algebra 2, and Glencoe Precalculus, emphasizes both understanding and fluency. Features include Key Concept boxes with multiple representations, a four-step problem solving plan, correlation between examples and exercises, word problems within each lesson, reading and vocabulary support, and student-centered activity labs. The Glencoe High School Math Series is a comprehensive program, including all of the major mathematical content strands and mathematical processes. Main Ideas and Key Concepts are highlighted in the Student Edition. The Teacher Edition includes Focus on Mathematical Content for each chapter. This section provides Big Ideas, which explains why the content is important in this chapter and in later studies, and Lesson Summary features, which outline the mathematical ideas of each lesson in the chapter. The Glencoe High School Math Series is carefully aligned with national standards. Each curriculum contains Standardized Test examples and practice problems like those found on standardized tests— within the lessons, the Mid-Chapter Quiz, and the Practice Chapter Test. The Glencoe High School Math Series curriculum is coherent and coordinated. It is vertically aligned between courses and vertically aligned at the lesson level. The Teacher Edition includes a detailed description of vertical alignment for each chapter. The Focus step in each lesson includes the vertical alignment for that lesson. In the Student Edition, Get Ready for the Chapter provides both a diagnostic quiz and a review of related concepts that were previously studied. Dynamic, digital features of the program include Geometer's Sketchpad to support visualization of difficult concepts and independent exploration; and optional embedded ALEKS for point-of-use, personalized math support and extension

Intended Use: **(spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)**	The author team reviewed the common core and the overarching goal of success beyond high school to develop a pathway that both met the goals of the common core and the instructional needs of the students. Each lesson begins by providing content within the sequence and to the real world. Lessons start by addressing prior knowledge, and providing instruction through explanation and application of new concepts. The application includes both an example and an opportunity for guided practice. Students have a progression of problems starting with checks for understanding before practice and problem solving. Practice finished with application through higher order thinking problems. Each lesson finished with practice and review (Standardized Test Practice, Spiral Review, and Skills Review) The Glencoe High School Math Series has a balanced approach of explicit teaching and investigative approach to learning that includes the 4-step Problem Solving Model and the Gradual Release Model. The Teacher Editions utilize a learning progression in each lesson—launch the lesson, teach the concept, and practice & apply. Online resources, embedded at point of use in our online portal, ConnectED, are designed to support and extend learning inside and outside the classroom.

Best Practices in Program Design:	Understanding by Design (UbD) is a framework that uses backward design to create a coherent curriculum by considering the desired results first and then planning instruction. The UbD philosophy co-authored by Jay McTighe guided the development of the McGraw-Hill Education math programs. This combined by the dissection of the Common Core State Standards, Mathematical Practices, research analysis and focus groups across the nation resulted in the establishment of the core program. Supplemental pieces were developed and correlated to enhance learning experience for multiple learning levels and styles.

Main Components & Ancillary Items Needed for Implementation:	While the teacher can teach and fully cover the CCSS standards using only the print materials, the Glencoe High School Series extends beyond the printed materials to accommodate blended and digital implementations The Glencoe High School Series provides access to ConnectED, our time-saving, online portal that houses all of the digital program resources and tools in one, convenient location. Through ConnectED, a teacher can access the complete student edition and teacher edition, ALEKS (if purchased), Geometer's Sketchpad, digital animations and tutorials, editable worksheets, presentation tools, and assessment resources. Included as part of the digital resources, is access to the ConnectED Mobile App for access to eBooks to browse, write in and highlight passages in the text and instantly save the work as well as access to lesson resources. www.connected.mcgraw-hill.com allows a teacher to: • Build lesson plans with easy to find print and digital resources at point of use. • Search for activities to meet a variety of learning modalities • Teach with technology by providing virtual manipulatives, lesson animations, whole-class presentations, and more • Personalize instruction with print and digital resources • Provide students with anywhere,anytime access to resources and tools, including eBooks, tutorials,

	animations, and the eGlossary • Access eAssessment, which allows teachers to assign online assessments, track student progress, generate reports and differentiate instruction.

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:
There are extensive online professional development options in support of *Glencoe Precalculus* via our digital platform, ConnectEd. The district can view everything from basic navigation tutorials to real-world math teachers modeling mathematical practices in their classrooms. Please visit: www.connected.mcgraw-hill.com and use the provided demo codes to evaluate. Simply click on the "professional development" tab within the resources section of a given book's site.
McGraw-Hill School Education/Glencoe offers outstanding in-service opportunities to all users of our major textbook programs in accordance with our longstanding policy of professional support for users. Our consultants are highly trained, teaching- experienced presenters who travel the nation supporting our customers. There is no charge for professional in-service, and it is available upon request during the entire life of the contract.
McGraw-Hill School Education/Glencoe is fully committed to providing In-service and Professional Development opportunities. Glencoe/McGraw-Hill's professional development program will provide educators with the instructional support they need to obtain maximum benefit for their diverse classroom situations. McGraw-Hill School Education/Glencoe's dedication to excellence, with an emphasis on quality and service, is a firm foundation for continued professional development and explicit instructional guidance grounded in current research.
To successfully meet the needs of school districts, McGraw-Hill School Education/Glencoe has a cadre of national and regional consultants, textbook authors, and instructional coaches whose years of experience and numerous achievements in education and professional development are nationally recognized.
In the spirit of partnership, the Glencoe/McGraw-Hill representative will maintain close communication with district personnel and school administrators to ensure effective customization of staff development offerings and support the needs of students and teachers in Idaho.
This includes the capacity to provide professional learning/development that may be:

- Site-based
- Face-to-face
- Trainer-of-trainer
- Content specific
- Informed by a desired teacher to trainer ratio
- Online, webinars, etc.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	The technology that is part of *Glencoe Precalculus* is housed on our online portal, ConnectED.
Cross Platform Functionality:	The ConnectED platform allows teachers and students to access the entire program form any computer that has internet access, which includes OS operating systems and personal devices like an iPad.
Plugins Needed: (Flash, Shockwave)	Flash Java 1.6.0.31+
Screen Resolution:	Minimum requirements: 1024x768
Connectivity Speed Requirement:	Bandwidth varies depending on the content purchased as well as what resources are being accessed. We do not have a set bandwidth usage.
Mobile Device Capability:	Smartphones and iPhones are not supported but the system is compatible with iPads and Android tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	1-year or 6-year subscription.
Updating Process: (How often, auto updates, etc.)	Planned platform maintenance windows are currently scheduled quarterly on a Friday evening after 8pm EST. Planned maintenance windows are communicated to all teachers and administrators a week in advance through the ConnectED message board on the home page. Unplanned outages can be communicated to a designated email address for any service interruption lasting more than 20 minutes during business hours.
Tools & Features:	The Glencoe High School Math Series offers fully integrated technology resources for teachers, students, and parents online providing support for differentiated instruction, alternate teaching approaches, additional assessment opportunities, and motivating activities. In addition to the more than 1500 resources available in ConnectED for *Precalculus* the following interactive, digital tools are available: Geometer's Sketchpad to support visualization of difficult concepts and independent exploration. eToolkit featuring online, virtual manipulatives to extend learning and exploration. Optional embedded ALEKS for adaptive, point-of-use practice, reinforcement that complements topics introduced in the classroom. eAssessment our digital, customizable assessment tool for convenient, online student and classroom tests, quizzes and practice sets. Personal Tutors for step-by-step video solutions to sample problems for student review and practice of concepts. eSolutions to enable the creation of customized worksheets and practice for delivery online or in print.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) ORIGO Education, Inc	**Title of Material:** (this must match Submission/Bid Form & Sample) ORIGO STEPPING STONES CORE MATHEMATICS PROGRAM	**Copyright:** (this must match Submission/Bid Form & Sample) 2012 **ISBN number:** (must match Submission-Bid Form & Sample) 987-1-921959-79-0
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) 0041 – Mathematics Elementary	**Author(s):** (this must match Submission/Bid Form & Sample) J. Burnett R. Irons	**Grade Level:** (this must match Submission/Bid Form & Sample) Grade K
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Mathematics – Grade K		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Stepping Stones is an innovative digital program that: • Fosters students' thinking and reasoning skills. • Delivers multiple ways to differentiate classroom instruction. • Provides a valuable source of professional learning for the teacher. • Presents methods to assess deep understanding and skills. • Is rich in online and print resources that engage all students. • Offers a cost-effective solution to core math implementation. • Assists in the recommended shift to digital instructional materials. • Delivers all content across all grade levels for each teacher.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	*ORIGO Stepping Stones* is a core mathematics program for Grades K-5. It is organized into modules that focus on 2-3 big mathematical ideas for each module. Supporting resources that compliment the daily lesson are linked within the program such as – professional learning videos, games, extra practice, extra challenge, interactive tools, cross-curricula and differentiation activities. Components of the program can be used for whole class and small group instruction as well as centers.

Best Practices in Program Design:	The authors of *ORIGO Stepping Stones* have taken careful consideration of the scope and sequence of learning experiences that best promotes deep understanding of mathematical concepts and fluency of skills. A review of what is currently working in countries that out-perform the US in mathematics has convinced the authors that many topics should be given in smaller blocks. These blocks, or 'spaced-learning experiences,' should be spread out across the whole school year. Because of this spaced-learning approach and the opportunity for practice in between, students exhibit better preparation and retention and are therefore more prepared to build on a topic when it is revisited. *Stepping Stones* requires less practice time as key ideas are revisited during the course of everyday lessons throughout the year. *Stepping Stones* also embeds a developmental sequence for teaching the language associated with mathematical concepts. *Stepping Stones* has been developed on the premise that language is the tool that learners use to connect new ideas to existing ideas. Therefore, it is essential in helping students build an understanding of mathematical concepts.

Main Components & Ancillary Items Needed for Implementation:	**ORIGO STEPPING STONES CORE MATHEMATICS PROGRAM TEACHER LICENSE** ORIGO Big Book Set - English and Spanish ORIGO Big Book Tunes Stepping Into Financial Literacy The Number Case Student Journal – English and Spanish Practice Book – English and Spanish
Professional Development /Training Required?	[x] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: As part of the adoption, teachers will receive a 3-hour implementation session geared toward the beginning user. The session provides an overview of the philosophy and development of Stepping Stones. Participants also learn the basics of how to navigate the components of Stepping Stones, plan for learning, use assessments, and access embedded professional learning content. ORIGO recommends that teachers experience the follow up 3-hour implementation session for intermediate users. The session is geared toward users who are in the first year of implementation. Participants engage in a 4-step process for preparing to teach a module. The process includes identifying and understanding the mathematical focus and mapping out an assessment plan. Participants will consider how to best meet the needs of all students through targeted learning activities and differentiation. The fee for this follow up session is $2,000 per half day for up to 45 participants. Two sessions may be combined into one day and full day pricing of $3,000 would be offered. Discount pricing is also available for multiple, contiguous days.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Web based, compatible with later versions of all leading internet browsers.
Cross Platform Functionality:	Compatible with browsers running on both Mac and PC operating systems.
Plugins Needed: (Flash, Shockwave)	Adobe Flash Player 15+
Screen Resolution:	Minimum Resolution 1024 x 768 px

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Connectivity Speed Requirement:	**Broadband internet connection required.**
Mobile Device Capability:	**Compatible with Android based devices. Not currently compatible with iOS mobile devices.**
Licensing Model(s): (Subscription, 1 yr., etc.)	**Subscription (Yearly or Multi-yearly)**
Updating Process: (How often, auto updates, etc.)	**Automatic updates**
Tools & Features:	***ORIGO Stepping Stones* digital resources are compatible with Interactive White Boards.**

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) ORIGO Education, Inc	Title of Material: (this must match Submission/Bid Form & Sample) ORIGO STEPPING STONES CORE MATHEMATICS PROGRAM	Copyright: (this must match Submission/Bid Form & Sample) 2012 ISBN number: (must match Submission-Bid Form & Sample) 987-1-921959-79-0
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) 0041 – Mathematics Elementary	Author(s): (this must match Submission/Bid Form & Sample) J. Burnett C. Irons	Grade Level: (this must match Submission/Bid Form & Sample) Grade 1
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Mathematics – Grade 1		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Stepping Stones is an innovative digital program that: • Fosters students' thinking and reasoning skills. • Delivers multiple ways to differentiate classroom instruction. • Provides a valuable source of professional learning for the teacher. • Presents methods to assess deep understanding and skills. • Is rich in online and print resources that engage all students. • Offers a cost-effective solution to core math implementation. • Assists in the recommended shift to digital instructional materials. • Delivers all content across all grade levels for each teacher.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	*ORIGO Stepping Stones* is a core mathematics program for Grades K-5. It is organized into modules that focus on 2-3 big mathematical ideas for each module. Supporting resources that compliment the daily lesson are linked within the program such as – professional learning videos, games, extra practice, extra challenge, interactive tools, cross-curricula and differentiation activities. Components of the program can be used for whole class and small group instruction as well as centers.

Best Practices in Program Design:	The authors of *ORIGO Stepping Stones* have taken careful consideration of the scope and sequence of learning experiences that best promotes deep understanding of mathematical concepts and fluency of skills. A review of what is currently working in countries that out-perform the US in mathematics has convinced the authors that many topics should be given in smaller blocks. These blocks, or 'spaced-learning experiences,' should be spread out across the whole school year. Because of this spaced-learning approach and the opportunity for practice in between, students exhibit better preparation and retention and are therefore more prepared to build on a topic when it is revisited. *Stepping Stones* requires less practice time as key ideas are revisited during the course of everyday lessons throughout the year. *Stepping Stones* also embeds a developmental sequence for teaching the language associated with mathematical concepts. *Stepping Stones* has been developed on the premise that language is the tool that learners use to connect new ideas to existing ideas. Therefore, it is essential in helping students build an understanding of mathematical concepts.

Main Components & Ancillary Items Needed for Implementation:	ORIGO STEPPING STONES CORE MATHEMATICS PROGRAM TEACHER LICENSE ORIGO Big Book Set - English and Spanish ORIGO Big Book Tunes ORIGO STaRT ORIGO Step It Up! Stepping Into Financial Literacy The Number Case Student Journal – English and Spanish Practice Book – English and Spanish
Professional Development /Training Required?	[x] YES [ ] NO
If applicable, explain in-service training, required, number of hours and fees associated with service: As part of the adoption, teachers will receive a 3-hour implementation session geared toward the beginning user. The session provides an overview of the philosophy and development of Stepping Stones. Participants also learn the basics of how to navigate the components of Stepping Stones, plan for learning, use assessments, and access embedded professional learning content. ORIGO recommends that teachers experience the follow up 3-hour implementation session for intermediate users. The session is geared toward users who are in the first year of implementation. Participants engage in a 4-step process for preparing to teach a module. The process includes identifying and understanding the mathematical focus and mapping out an assessment plan. Participants will consider how to best meet the needs of all students through targeted learning activities and differentiation. The fee for this follow up session is $2,000 per half day for up to 45 participants. Two sessions may be combined into one day and full day pricing of $3,000 would be offered. Discount pricing is also available for multiple, contiguous days.	

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Web based, compatible with later versions of all leading internet browsers.**
Cross Platform Functionality:	**Compatible with browsers running on both Mac and PC operating systems.**
Plugins Needed: (Flash, Shockwave)	**Adobe Flash Player 15+**
Screen Resolution:	**Minimum Resolution 1024 x 768 px**
Connectivity Speed Requirement:	**Broadband internet connection required.**
Mobile Device Capability:	**Compatible with Android based devices. Not currently compatible with iOS mobile devices.**
Licensing Model(s): (Subscription, 1 yr., etc.)	**Subscription (Yearly or Multi-yearly)**
Updating Process: (How often, auto updates, etc.)	**Automatic updates**
Tools & Features:	***ORIGO Stepping Stones* digital resources are compatible with Interactive White Boards.**

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) ORIGO Education, Inc	Title of Material: (this must match Submission/Bid Form & Sample) ORIGO STEPPING STONES CORE MATHEMATICS PROGRAM	Copyright: (this must match Submission/Bid Form & Sample) 2012 ISBN number: (must match Submission-Bid Form & Sample) 987-1-921959-79-0
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) 0041 – Mathematics Elementary	Author(s): (this must match Submission/Bid Form & Sample) J. Burnett C. Irons	Grade Level: (this must match Submission/Bid Form & Sample) Grade 2

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

Mathematics – Grade 2

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**Stepping Stones is an innovative digital program that:** • Fosters students' thinking and reasoning skills. • Delivers multiple ways to differentiate classroom instruction. • Provides a valuable source of professional learning for the teacher. • Presents methods to assess deep understanding and skills. • Is rich in online and print resources that engage all students. • Offers a cost-effective solution to core math implementation. • Assists in the recommended shift to digital instructional materials. • Delivers all content across all grade levels for each teacher.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	***ORIGO Stepping Stones* is a core mathematics program for Grades K-5. It is organized into modules that focus on 2-3 big mathematical ideas for each module. Supporting resources that compliment the daily lesson are linked within the program such as – professional learning videos, games, extra practice, extra challenge, interactive tools, cross-curricula and differentiation activities. Components of the program can be used for whole class and small group instruction as well as centers.**

Best Practices in Program Design:	**The authors of *ORIGO Stepping Stones* have taken careful consideration of the scope and sequence of learning experiences that best promotes deep understanding of mathematical concepts and fluency of skills. A review of what is currently working in countries that out-perform the US in mathematics has convinced the authors that many topics should be given in smaller blocks. These blocks, or 'spaced-learning experiences,' should be spread out across the whole school year. Because of this spaced-learning approach and the opportunity for practice in between, students exhibit better preparation and retention and are therefore more prepared to build on a topic when it is revisited. *Stepping Stones* requires less practice time as key ideas are revisited during the course of everyday lessons throughout the year.** ***Stepping Stones* also embeds a developmental sequence for teaching the language associated with mathematical concepts. *Stepping Stones* has been developed on the premise that language is the tool that learners use to connect new ideas to existing ideas. Therefore, it is essential in helping students build an understanding of mathematical concepts.**

Main Components & Ancillary Items Needed for Implementation:	**ORIGO STEPPING STONES CORE MATHEMATICS PROGRAM TEACHER LICENSE** ORIGO Big Book Set - English and Spanish ORIGO Big Book Tunes ORIGO STaRT ORIGO Step It Up! Stepping Into Financial Literacy The Number Case Student Journal – English and Spanish Practice Book – English and Spanish

Professional Development /Training Required? [x] **YES** [ ] **NO**

If applicable, explain in-service training, required, number of hours and fees associated with service:

As part of the adoption, teachers will receive a 3-hour implementation session geared toward the beginning user. The session provides an overview of the philosophy and development of Stepping Stones. Participants also learn the basics of how to navigate the components of Stepping Stones, plan for learning, use assessments, and access embedded professional learning content.

ORIGO recommends that teachers experience the follow up 3-hour implementation session for intermediate users. The session is geared toward users who are in the first year of implementation. Participants engage in a 4-step process for preparing to teach a module. The process includes identifying and understanding the mathematical focus and mapping out an assessment plan. Participants will consider how to best meet the needs of all students through targeted learning activities and differentiation. The fee for this follow up session is $2,000 per half day for up to 45 participants. Two sessions may be combined into one day and full day pricing of $3,000 would be offered. Discount pricing is also available for multiple, contiguous days.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Web based, compatible with later versions of all leading internet browsers.**
Cross Platform Functionality:	**Compatible with browsers running on both Mac and PC operating systems.**
Plugins Needed: (Flash, Shockwave)	**Adobe Flash Player 15+**
Screen Resolution:	**Minimum Resolution 1024 x 768 px**
Connectivity Speed Requirement:	**Broadband internet connection required.**
Mobile Device Capability:	**Compatible with Android based devices. Not currently compatible with iOS mobile devices.**
Licensing Model(s): (Subscription, 1 yr., etc.)	**Subscription (Yearly or Multi-yearly)**
Updating Process: (How often, auto updates, etc.)	**Automatic updates**
Tools & Features:	***ORIGO Stepping Stones* digital resources are compatible with Interactive White Boards.**

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) ORIGO Education, Inc	**Title of Material:** (this must match Submission/Bid Form & Sample) ORIGO STEPPING STONES CORE MATHEMATICS PROGRAM	**Copyright:** (this must match Submission/Bid Form & Sample) 2012 **ISBN number:** (must match Submission-Bid Form & Sample) 987-1-921959-79-0
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) 0041 – Mathematics Elementary	**Author(s):** (this must match Submission/Bid Form & Sample) J. Burnett C. Irons	**Grade Level:** (this must match Submission/Bid Form & Sample) Grade 3
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Mathematics – Grade 3		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Stepping Stones is an innovative digital program that: • Fosters students' thinking and reasoning skills. • Delivers multiple ways to differentiate classroom instruction. • Provides a valuable source of professional learning for the teacher. • Presents methods to assess deep understanding and skills. • Is rich in online and print resources that engage all students. • Offers a cost-effective solution to core math implementation. • Assists in the recommended shift to digital instructional materials. • Delivers all content across all grade levels for each teacher.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	*ORIGO Stepping Stones* is a core mathematics program for Grades K-5. It is organized into modules that focus on 2-3 big mathematical ideas for each module. Supporting resources that compliment the daily lesson are linked within the program such as – professional learning videos, games, extra practice, extra challenge, interactive tools, cross-curricula and differentiation activities. Components of the program can be used for whole class and small group instruction as well as centers.

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Main Components & Ancillary Items Needed for Implementation:	**ORIGO STEPPING STONES CORE MATHEMATICS PROGRAM TEACHER LICENSE** ORIGO STaRT ORIGO Step It Up! ORIGO Gauge Stepping Into Financial Literacy The Number Case Student Journal – English and Spanish Practice Book – English and Spanish
Professional Development /Training Required?	[x] YES [ ] NO

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

If applicable, explain in-service training, required, number of hours and fees associated with service:

As part of the adoption, teachers will receive a 3-hour implementation session geared toward the beginning user. The session provides an overview of the philosophy and development of Stepping Stones. Participants also learn the basics of how to navigate the components of Stepping Stones, plan for learning, use assessments, and access embedded professional learning content.

ORIGO recommends that teachers experience the follow up 3-hour implementation session for intermediate users. The session is geared toward users who are in the first year of implementation. Participants engage in a 4-step process for preparing to teach a module. The process includes identifying and understanding the mathematical focus and mapping out an assessment plan. Participants will consider how to best meet the needs of all students through targeted learning activities and differentiation. The fee for this follow up session is $2,000 per half day for up to 45 participants. Two sessions may be combined into one day and full day pricing of $3,000 would be offered. Discount pricing is also available for multiple, contiguous days.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Web based, compatible with later versions of all leading internet browsers.**
Cross Platform Functionality:	**Compatible with browsers running on both Mac and PC operating systems.**
Plugins Needed: (Flash, Shockwave)	**Adobe Flash Player 15+**
Screen Resolution:	**Minimum Resolution 1024 x 768 px**
Connectivity Speed Requirement:	**Broadband internet connection required.**
Mobile Device Capability:	**Compatible with Android based devices. Not currently compatible with iOS mobile devices.**
Licensing Model(s): (Subscription, 1 yr., etc.)	**Subscription (Yearly or Multi-yearly)**
Updating Process: (How often, auto updates, etc.)	**Automatic updates**
Tools & Features:	***ORIGO Stepping Stones* digital resources are compatible with Interactive White Boards.**

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) ORIGO Education, Inc	**Title of Material:** (this must match Submission/Bid Form & Sample) ORIGO STEPPING STONES CORE MATHEMATICS PROGRAM	**Copyright:** (this must match Submission/Bid Form & Sample) 2012 **ISBN number:** (must match Submission-Bid Form & Sample) 987-1-921959-79-0
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) 0041 – Mathematics Elementary	**Author(s):** (this must match Submission/Bid Form & Sample) J. Burnett C. Irons	**Grade Level:** (this must match Submission/Bid Form & Sample) Grade 4
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Mathematics – Grade 4		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Stepping Stones is an innovative digital program that: • Fosters students' thinking and reasoning skills. • Delivers multiple ways to differentiate classroom instruction. • Provides a valuable source of professional learning for the teacher. • Presents methods to assess deep understanding and skills. • Is rich in online and print resources that engage all students. • Offers a cost-effective solution to core math implementation. • Assists in the recommended shift to digital instructional materials. • Delivers all content across all grade levels for each teacher.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	*ORIGO Stepping Stones* is a core mathematics program for Grades K-5. It is organized into modules that focus on 2-3 big mathematical ideas for each module. Supporting resources that compliment the daily lesson are linked within the program such as – professional learning videos, games, extra practice, extra challenge, interactive tools, cross-curricula and differentiation activities. Components of the program can be used for whole class and small group instruction as well as centers.

Best Practices in Program Design:	The authors of *ORIGO Stepping Stones* have taken careful consideration of the scope and sequence of learning experiences that best promotes deep understanding of mathematical concepts and fluency of skills. A review of what is currently working in countries that out-perform the US in mathematics has convinced the authors that many topics should be given in smaller blocks. These blocks, or 'spaced-learning experiences,' should be spread out across the whole school year. Because of this spaced-learning approach and the opportunity for practice in between, students exhibit better preparation and retention and are therefore more prepared to build on a topic when it is revisited. *Stepping Stones* requires less practice time as key ideas are revisited during the course of everyday lessons throughout the year. *Stepping Stones* also embeds a developmental sequence for teaching the language associated with mathematical concepts. *Stepping Stones* has been developed on the premise that language is the tool that learners use to connect new ideas to existing ideas. Therefore, it is essential in helping students build an understanding of mathematical concepts.

Main Components & Ancillary Items Needed for Implementation:	**ORIGO STEPPING STONES CORE MATHEMATICS PROGRAM TEACHER LICENSE** ORIGO STaRT ORIGO Step It Up! ORIGO Gauge Stepping Into Financial Literacy The Number Case Student Journal – English and Spanish Practice Book – English and Spanish
Professional Development /Training Required?	[x] **YES** [ ]

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

If applicable, explain in-service training, required, number of hours and fees associated with service:

As part of the adoption, teachers will receive a 3-hour implementation session geared toward the beginning user. The session provides an overview of the philosophy and development of Stepping Stones. Participants also learn the basics of how to navigate the components of Stepping Stones, plan for learning, use assessments, and access embedded professional learning content.

ORIGO recommends that teachers experience the follow up 3-hour implementation session for intermediate users. The session is geared toward users who are in the first year of implementation. Participants engage in a 4-step process for preparing to teach a module. The process includes identifying and understanding the mathematical focus and mapping out an assessment plan. Participants will consider how to best meet the needs of all students through targeted learning activities and differentiation. The fee for this follow up session is $2,000 per half day for up to 45 participants. Two sessions may be combined into one day and full day pricing of $3,000 would be offered. Discount pricing is also available for multiple, contiguous days.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Web based, compatible with later versions of all leading internet browsers.**
Cross Platform Functionality:	**Compatible with browsers running on both Mac and PC operating systems.**
Plugins Needed: (Flash, Shockwave)	**Adobe Flash Player 15+**
Screen Resolution:	**Minimum Resolution 1024 x 768 px**
Connectivity Speed Requirement:	**Broadband internet connection required.**
Mobile Device Capability:	**Compatible with Android based devices. Not currently compatible with iOS mobile devices.**
Licensing Model(s): (Subscription, 1 yr., etc.)	**Subscription (Yearly or Multi-yearly)**
Updating Process: (How often, auto updates, etc.)	**Automatic updates**
Tools & Features:	***ORIGO Stepping Stones* digital resources are compatible with Interactive White Boards.**

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) ORIGO Education, Inc	**Title of Material:** (this must match Submission/Bid Form & Sample) ORIGO STEPPING STONES CORE MATHEMATICS PROGRAM	**Copyright:** (this must match Submission/Bid Form & Sample) 2012 **ISBN number:** (must match Submission-Bid Form & Sample) 987-1-921959-79-0
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) 0041 – Mathematics Elementary	**Author(s):** (this must match Submission/Bid Form & Sample) J. Burnett C. Irons	**Grade Level:** (this must match Submission/Bid Form & Sample) Grade 5
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Mathematics – Grade 5		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Stepping Stones is an innovative digital program that: • Fosters students' thinking and reasoning skills. • Delivers multiple ways to differentiate classroom instruction. • Provides a valuable source of professional learning for the teacher. • Presents methods to assess deep understanding and skills. • Is rich in online and print resources that engage all students. • Offers a cost-effective solution to core math implementation. • Assists in the recommended shift to digital instructional materials. • Delivers all content across all grade levels for each teacher.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	*ORIGO Stepping Stones* is a core mathematics program for Grades K-5. It is organized into modules that focus on 2-3 big mathematical ideas for each module. Supporting resources that compliment the daily lesson are linked within the program such as – professional learning videos, games, extra practice, extra challenge, interactive tools, cross-curricula and differentiation activities. Components of the program can be used for whole class and small group instruction as well as centers.

Best Practices in Program Design:	The authors of *ORIGO Stepping Stones* have taken careful consideration of the scope and sequence of learning experiences that best promotes deep understanding of mathematical concepts and fluency of skills. A review of what is currently working in countries that out-perform the US in mathematics has convinced the authors that many topics should be given in smaller blocks. These blocks, or 'spaced-learning experiences,' should be spread out across the whole school year. Because of this spaced-learning approach and the opportunity for practice in between, students exhibit better preparation and retention and are therefore more prepared to build on a topic when it is revisited. *Stepping Stones* requires less practice time as key ideas are revisited during the course of everyday lessons throughout the year. *Stepping Stones* also embeds a developmental sequence for teaching the language associated with mathematical concepts. *Stepping Stones* has been developed on the premise that language is the tool that learners use to connect new ideas to existing ideas. Therefore, it is essential in helping students build an understanding of mathematical concepts.

Main Components & Ancillary Items Needed for Implementation:	**ORIGO STEPPING STONES CORE MATHEMATICS PROGRAM TEACHER LICENSE** ORIGO STaRT ORIGO Step It Up! ORIGO Gauge Stepping Into Financial Literacy The Number Case Student Journal – English and Spanish Practice Book – English and Spanish
Professional Development /Training Required?	[x] YES [ ] NO

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

If applicable, explain in-service training, required, number of hours and fees associated with service:

As part of the adoption, teachers will receive a 3-hour implementation session geared toward the beginning user. The session provides an overview of the philosophy and development of Stepping Stones. Participants also learn the basics of how to navigate the components of Stepping Stones, plan for learning, use assessments, and access embedded professional learning content.

ORIGO recommends that teachers experience the follow up 3-hour implementation session for intermediate users. The session is geared toward users who are in the first year of implementation. Participants engage in a 4-step process for preparing to teach a module. The process includes identifying and understanding the mathematical focus and mapping out an assessment plan. Participants will consider how to best meet the needs of all students through targeted learning activities and differentiation. The fee for this follow up session is $2,000 per half day for up to 45 participants. Two sessions may be combined into one day and full day pricing of $3,000 would be offered. Discount pricing is also available for multiple, contiguous days.

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Web based, compatible with later versions of all leading internet browsers.**
Cross Platform Functionality:	**Compatible with browsers running on both Mac and PC operating systems.**
Plugins Needed: (Flash, Shockwave)	**Adobe Flash Player 15+**
Screen Resolution:	**Minimum Resolution 1024 x 768 px**
Connectivity Speed Requirement:	**Broadband internet connection required.**
Mobile Device Capability:	**Compatible with Android based devices. Not currently compatible with iOS mobile devices.**
Licensing Model(s): (Subscription, 1 yr., etc.)	**Subscription (Yearly or Multi-yearly)**
Updating Process: (How often, auto updates, etc.)	**Automatic updates**
Tools & Features:	***ORIGO Stepping Stones* digital resources are compatible with Interactive White Boards.**

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Pearson Education, Inc.	**Title of Material:** **enVision**math**2.0** Common Core	**Copyright:** 2016 **ISBN number:** 9780328847587 – Grade K 9780328847594 – Grade 1 9780328847600 – Grade 2 9780328847617 – Grade 3 9780328847624 – Grade 4 9780328847631 – Grade 5 9780328847648 – Grade 6
Subject Area: Kindergarten Instruction (Gr. K) Course Code 00001 Mathematics – Elementary (Gr. 1-6) 00041	**Author(s):** R. I. Charles, et al	**Grade Level:** K-6

Identify bank of <u>Idaho Content Standards and Common Core State Standards</u> that the material correlates to (e.g., Mathematics– Grade 5):

Mathematics – Grades K-6

Key Features:	**enVision**math**2.0** is organized to focus on the Common Core Clusters; aligns to the next generation assessment content emphases requirements; and offers the focus, coherence, and rigor as defined by the Common Core State Standards for Mathematics. Consistent, everyday engagement of the Standards for Mathematical Practice enables learners to develop understandings and use mathematics with understanding. **enVision**math**2.0** provides print and digital resources to personalize learning and support a research-based instructional model. This enables the program to be taught in a variety of classroom models as an authentic learning experience in print, digital, and blended approaches. For example *Problem-Based Learning* is key to conceptual development and is an integral part of every lesson in the student print component and as a digital experience at every grade. *Practice Buddy powered by MathXL* provides a strong, digital student independent practice leveling experience and parallel, leveled print student practice components are also provided. **enVision**math**2.0** offers rich differentiation resources for every lesson that include robust intervention activities and great variety of engaging experiences for all levels of learners through print and digital tools, games, and interactive workspaces. **enVision**math**2.0** is powered by the new Pearson Realize learning management system, providing teachers with the ability to customize content, auto-assign differentiation, and use assessment data quickly and easily. Online and print assessments reflect the new high-stakes assessments.

Intended Use:	**enVision**math**2.0** is a comprehensive K-6 mathematics program where each part of the daily lesson is interactive both in print and online. Teachers are supported throughout instruction with built-in professional development to reflect the shifts in teaching a Common Core curriculum and meeting the needs of below-, on-, and above-level learners. Daily learning experiences clearly identify various student grouping – whole group, small group, and independent opportunities.

Best Practices in Program Design:	The **enVision**math**2.0** research-based instructional model reflects principles shown to promote the depth of mathematical understanding needed for student success and higher achievement. There are two key steps to the core instructional model in **enVision**math**2.0**. Step 1 Problem-Based Learning: Introduce concepts and procedures with a problem-solving experience Step 2 Visual Learning: Make the important mathematics explicit with enhanced direct instruction connected to Step 1.

Main Components & Ancillary Items Needed for Implementation:	Student's Edition (Print and 5-Year Subscription + Digital Courseware 5-Year License) Teacher's Edition Package (Includes Teacher's Edition Program Overview) Mathematical Practice Poster Set Teacher Resource Package (Includes Teacher Resource Masters and Assessment Sourcebook) ELL Toolkit Math Diagnosis and Intervention System 2.0 Quick and Easy Centers Kit for Differentiated Instruction (Includes Problem-Solving Reading Mat Teacher Guide) Today's Challenge Teacher's Guide Manipulative Kits: Student, Center, Basic Classroom Manipulative Kit (as appropriate) ExamView CD-ROM (optional) Teacher's Edition eText DVD-ROM (optional)

Professional Development /Training Required? [X] **YES** [ ] **NO**

If applicable, explain in-service training, required, number of hours and fees associated with service:
"enVision comes with a day of Activation Training to get your teachers ready for Day 1 in the classroom. That day of training is included in the price of enVision adoption. Additional trainings such as one-on-one coaching and mentoring sessions and small group sessions (e.g.,for lesson planning) can be customized to individual schools and the district based on individual need. Cost for training day with a Pearson consultant is $3500. Bulk discounts may apply for purchases of multiple days."

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials:	
Platform:	Realize
Cross Platform Functionality:	Functions across mobile and desktop devices, on both Windows and Mac systems
Plugins Needed:	NA – no plugins needed Note: ● Pearson does not recommend disabling pop-up blockers. ● Enable JavaScript® and cookies. ● Disable the Internet Explorer® Content
Screen Resolution:	PC: 1280 x 1024 (recommended maximum); 1024 x 768 (minimum) Mac: 1280 x 960 (recommended maximum); 1024 x 768 (minimum)
Connectivity Speed Requirement:	The Realize application is a modern web application. The user's web browser will cache Realize for a period of 30 days or until a new version becomes available. It is estimated that an average of 12MB worth of data is being transmitted per student per day. This is based on a student usage session of seven page hits and downloading one content item.
Mobile Device Capability:	We officially support iPads. We use responsive design so as long as the user is on a mobile tablet device that is running a supported browser, the application will adjust to the browser's size. Although Realize does not yet officially support all devices, the Realize team is working to support customers that are using Realize on iPhones and Android devices, and is actively testing several devices for compatibility. Devices we're testing now: ● Chromebook ● Kuno ● Surface 2 (w/Windows RT) ● iPhone 5S ● Nexus 7 ● Kindle Fire 7 ● Samsung Galaxy 4
Licensing Model(s):	Each user requires their own digital license to access enVisionmath2.0 content hosted on Realize. **enVision**math**2.0** is submitted for 5-year access.
Updating Process:	Generally, new Realize platform features are released about five to seven times per year, and they are automatic, requiring no action on the user's end. Content updates for the digits program are released as necessary; updated content appears automatically in the user's account.
Tools & Features:	Find Content Quickly ● Easy navigation provides point of use access to lesson content and instructional resources. ● Powerful search tools help you find the content by keyword or standard. ● Content delivered in seconds when you need to change your lesson plan. Easy to Customize ● Use drag and drop to rearrange the Table of Contents. ● Modify Pearson content to meet the needs of your classroom. ● Add content to enrich your lessons. Access Data you Need ● Track student mastery, item analysis, progress and usage at a glance. ● Easy to read, color coded graphs ● Clickable data points allow you to analyze data quickly. ● View assignment completion by class, group, or student.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Pearson Education, Inc.	**Title of Material:** ***digits***	**Copyright:** ©2015 **ISBN number:** 9780133314601 9780133314618 9780133314717 9780133314632
Subject Area: General Math 6-8, course code # 52002	**Author(s):** Authors: Francis (Skip) Fennell, Art Johnson, Eric Milou, Stuart J. Murphy, Janie Schielack, Helen Sherman, William F. Tate, Grant Wiggins Advisors: Randall I. Charles, Jim Cummins, Jacquie Moen	**Grade Level:** 6, 7, Grade 7 Accelerated, 8
Identify bank of <u>Idaho Content Standards and Common Core State Standards</u> that the material correlates to (e.g., Mathematics– Grade 5): Mathematics – Grades 6, 7, 8		

Key Features:	***digits*** is based on critical foundational research to achieve the following key features: • <u>Simplify for the Teacher:</u> Teachers can tap into the resource they need, exactly when they need it. Based on the interACTIVE Learning Cycle™ of assessment, instruction, and practice, ***digits*** provides prevention and enrichment paths along with individualized study plans, reporting, and auto-scored homework that saves time usually lost to administrative tasks. • <u>Optimize Effective Time on Task:</u> With ***digits***, time spent grading or reviewing homework for the whole class is instead open for teaching and giving attention to students. Readiness assessments and auto-scored homework immediately identify students' understanding of content so teachers can focus on individual learners' needs during class. • <u>Personalize for the Student:</u> Today's students are natives in the digital world. ***digits*** is a one-of-kind program that will keep learners motivated using technology to provide them with individualized learning paths and self-guided exploration options. Learning math the ***digits*** way is highly-visual, fun, and engaging. • <u>Trusted Authorship:</u> Representing a diverse background and many areas of expertise such as visual learning, technology, intervention and ELL, the ***digits*** author team is comprised of Pearson enVisionMATH™ authors as well as a cadre of noted advisors.

Intended Use:	Pearson's ***digits*** middle grades core mathematics curriculum was developed in direct response to teachers and schools seeking a data-driven instructional model that surpasses conventional curricula and engages today's digitally minded students. Supported by a wealth of recent research validating the benefits of personalized instruction, the authors of ***digits*** have created a compelling program that simplifies tasks for the teacher, optimizes class time, and personalizes student learning. The interACTIVE Learning Cycle™, which is ***digits***' pedagogical framework, includes both whole class and small group instruction with plenty of opportunities for personalized learning. ***digits*** is optimized for the use of interactive whiteboard technology, and through the thoughtful inclusion of technology that works on both mobile and desktop devices, it delivers personalized coursework, study plans, and homework for students

Best Practices in Program Design:	Understanding by Design® principles have provided guidance on how to structure units and lessons in ***digits*** to achieve the content and practice goals. With a research-based approach for curriculum planning, Understanding by Design® focuses on achieving the desired learning outcomes with coherence, and provides specific guidance on how to "unpack" the various layers in a standard. While the Understanding by Design® framework provides guidance on how to structure lessons to achieve the instructional goals, foundational research in instruction, data-driven intervention, and motivation provided the inspiration for the actual learning activities in ***digits***. The convergence of these factors has resulted in the groundbreaking and unique approach in ***digits*** that is not only instructionally effective but also fun to teach!

Main Components & Ancillary Items Needed for Implementation:	Students: write-in Student Edition + Digital Courseware (5-year access) Teachers: Digital Access + Teacher Resource Kit (Program Overview Guide, In-Class Teacher Notes, Teacher Resource Disc, resource set of 10 Homework Helpers)

Professional Development /Training Required?

[x] **YES** [ ]

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

If applicable, explain in-service training, required, number of hours and fees associated with service:
Digits comes with a day of Activation Training to get your teachers ready for Day 1 in the classroom. That day of training is included in the price of Digits adoption. Additional trainings such as one-on-one coaching and mentoring sessions and small group sessions (e.g., for lesson planning) can be customized to individual schools and the district based on individual need. Cost for training day with a Pearson consultant is $3500. Bulk discounts may apply for purchases of multiple days."

Full disclosure for digital materials:	
Platform:	Realize
Cross Platform Functionality:	Functions across mobile and desktop devices, on both Windows and Mac systems
Plugins Needed:	NA – no plugins needed Note: • Pearson does not recommend disabling pop-up blockers. • Enable JavaScript® and cookies. • Disable the Internet Explorer® Content Advisor.
Screen Resolution:	PC: 1280 x 1024 (recommended maximum); 1024 x 768 (minimum) Mac: 1280 x 960 (recommended maximum); 1024 x 768 (minimum)
Connectivity Speed Requirement:	The Realize application is a modern web application. The user's web browser will cache Realize for a period of 30 days or until a new version becomes available. It is estimated that an average of 12MB worth of data is being transmitted per student per day. This is based on a student usage session of seven page hits and downloading one content item.
Mobile Device Capability:	We officially support iPads. We use responsive design so as long as the user is on a mobile tablet device that is running a supported browser, the application will adjust to the browser's size. Although Realize does not yet officially support all devices, the Realize team is working to support customers that are using Realize on iPhones and Android devices, and is actively testing several devices for compatibility. Devices we're testing now: • Chromebook • Kuno • Surface 2 (w/Windows RT) • iPhone 5S • Nexus 7 • Kindle Fire 7 • Samsung Galaxy 4
Licensing Model(s):	Each user requires their own digital license to access ***digits*** content hosted on Realize. ***digits*** is available for 5-year access.
Updating Process:	Generally, new Realize platform features are released about five to seven times per year, and they are automatic, requiring no action on the user's end. Content updates for the ***digits*** program are released as necessary; updated content appears automatically in the user's account.
Tools & Features:	Find Content Quickly • Easy navigation provides point of use access to lesson content and instructional resources. • Powerful search tools help you find the content by keyword or standard. • Content delivered in seconds when you need to change your lesson plan. Easy to Customize • Use drag and drop to rearrange the Table of Contents. • Modify Pearson content to meet the needs of your classroom. • Add content to enrich your lessons. Access Data you Need • Track student mastery, item analysis, progress and usage at a glance. • Easy to read, color coded graphs • Clickable data points allow you to analyze data quickly. • View assignment completion by class, group, or student.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: Pearson Education, Inc.	**Title of Material:** **CMP3**	**Copyright:** ©2014 **ISBN number:** 9780133296747 9780133296754 9780133296761 9780133296778
Subject Area: General Math 6-8, course code # 52002	**Author(s):** Glenda Lappan, Elizabeth Difanis Phillips, James T. Fey, Susan N. Friel	**Grade Level:** 6, 7, 8, Grade 8 Algebra 1
Identify bank of <u>Idaho Content Standards and Common Core State Standards</u> that the material correlates to (e.g., Mathematics– Grade 5): Mathematics – Grades 6, 7, 8		

Key Features:	The goal of Connected Mathematics 3 is to help students develop mathematical knowledge, conceptual understanding, and procedural skills, along with an awareness of the rich connections between math topics—across grades and across Common Core content areas. Through the "Launch-Explore-Summarize" model, students investigate and solve problems that develop rigorous higher-order thinking skills and problem-solving strategies. Curriculum development for CMP3 has been guided by an important mathematical idea: All students should be able to reason and communicate proficiently in mathematics. They should have knowledge of and skill in the use of the vocabulary, forms of representation, materials, tools, techniques, and intellectual methods of mathematics. This includes the ability to define and solve problems with reason, insight, inventiveness, and technical proficiency. CMP3 uses technology to help teachers implement with fidelity, thus raising student achievement. Easy-to-use mobile tools help with classroom management and capture student work on the go. ExamView® delivers a full suite of assessment tools, and MathXL® provides individualized skills practice. 21st century social networking technology connects CMP3 teachers, while students benefit from interactive digital student pages that allow for instantaneous sharing and effective group work.

Intended Use:	Pearson's Connected Mathematics Project 3 (CMP3) is an NSF-funded reform mathematics curriculum for grades 6, 7, and 8, specifically developed to help students develop understanding of important concepts, skills, procedures, and ways of thinking and reasoning in number, geometry, measurement, algebra, probability, and statistics. CMP3 incorporates in-class work for the whole group, small groups, as well as pair-based learning opportunities. It emphasizes connections between mathematical concepts, both within grade levels and across grades. Technology applications help teachers manage their classrooms with fidelity, maximize instructional time, and capture needed student data, while innovative technology tools for students create a student-centered digital workspace that allows for greater student engagement with CMP3's Common Core aligned mathematical content through multimedia and interactivity.

Best Practices in Program Design:	The fundamental features of the CMP program reflect the authors' core beliefs about essential features of effective teaching and learning of mathematics. These features include a focus on big ideas and the connections among them, teaching through student-centered exploration of mathematically rich problems, and using continuous assessment to inform instruction. From the broad array of pertinent research findings, the following seven major themes continue to influence development and implementation of the CMP curriculum and teaching resources: • Cooperative Learning and Classroom Discourse • Teaching Through Problem Solving • Equity and Motivation for Learning • Conceptual and Procedural Knowledge • Formative Assessment • Mathematical Knowledge for Teaching • Teacher Development and School Change

Main Components & Ancillary Items Needed for Implementation:	Student Place Digital Bundle: Student Editions + Digital Courseware (5-year access) Teachers: Program Overview and Implementation Guide, Teacher's Guides, Teacher Resources, Teacher Lesson Support CD-ROM, ExamView® Test Bank, CMP3 Teacher Place Network, Manipulatives kits
Professional Development /Training Required? [X] **YES** [ ]	

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

If applicable, explain in-service training, required, number of hours and fees associated with service: CMP3 comes with a day of Activation Training to get your teachers ready for Day 1 in the classroom. That day of training is included in the price of CMP3 adoption. Additional trainings such as one-on-one coaching and mentoring sessions and small group sessions (e.g., for lesson planning) can be customized to individual schools and the district based on individual need. Cost for training day with a Pearson consultant is $3500. Bulk discounts may apply for purchases of multiple days."

Full disclosure for digital materials:	
Platform:	Dash
Cross Platform Functionality:	Functions across mobile and desktop devices, on both Windows and Mac systems
Plugins Needed:	NA – no plugins needed Note: • **Javascript:** version 1.6 • **Pop-up Blocker:** Configure pop-up blockers to include Dash web application in the list of allowed sites. • **Private Browsing:** Private browsing mode must be turned off.
Screen Resolution:	PC: 1280 x 1024 (recommended maximum); 1024 x 768 (minimum) Mac: 1280 x 960 (recommended maximum); 1024 x 768 (minimum)
Connectivity Speed Requirement:	Broadband (cable/DSL/FiOS) is required.
Mobile Device Capability:	iPad® 2 iPad® 3 (Retina Display) - iOS 5, iOS 6 – Safari (note: Private browsing mode must be turned off.) Samsung Galaxy Note 10.1 N8000 - Android OS 4.0 - Chrome
Licensing Model(s):	Each user requires their own digital license to access **CMP3** content hosted on Dash. **CMP3** is available for 5-year access.
Updating Process:	Generally, new Dash platform features are released about three times per year, and they are automatic, requiring no action on the user's end. Content updates for the **CMP3** program are released as necessary; updated content appears automatically in the user's account.
Tools & Features:	ACTIVe-book, powered by Dash, enables students to write, draw or type their work in their digital books and submit their work to teachers. ACTIVE-book's chat feature enables students to ask their teacher questions and receive feedback as they work. Both teachers and students access ACTIVe-books via a web browser on either a computer or mobile tablet. Dash allows for a wide variety of teacher-facing tools and features, such as: manipulating the amount of content seen on screen, use of the universal toolbar (which includes access to the online CMP teacher community, digital Math Tools, etc.), the ability to add personal notes and adjust text size, highlighting and underlining of text, the adding of external/third party resources, the ability to customize/edit and print certain resources, assigning/sharing/removing student work, and more. Dash also includes a fully interactive classroom management system that teachers can use to take student progress notes on the fly and to communicate with stakeholders (such as resource teachers and parents) at a moment's notice.

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) Pearson Education, Inc.	**Title of Material: (this must match Submission/Bid Form & Sample)** ***Pearson Algebra 1 Geometry Algebra 2 Common Core ©2015***	**Copyright: (this must match Submission/Bid Form & Sample)** ©2015 **ISBN number: (must match Submission-Bid Form & Sample)** 9780133315332 9780133315363 9780133315400
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) Mathematics 9-12 Algebra I (Gr. 9-12) Course Code 02052 Geometry (Gr. 9-12) Course Code 02072 Algebra II (Gr. 9-12) Course Code 02056	**Author(s): (this must match Submission/Bid Form & Sample)** Charles, et al.	**Grade Level: (this must match Submission/Bid Form & Sample)** Grades 9-12
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Mathematics, High School		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	*Pearson Algebra 1, Geometry, Algebra 2 Common Core Edition ©2015 is a rigorous, flexible, and data-driven program.* *Rigorous:* The lesson design of the program was built specifically for the Common Core's definition of rigor. Pearson's 5-step lesson design has been proven effective by independent research. The 5-step lesson design of the program balances conceptual understanding, procedural fluency, and the application of mathematics to solve problems and formulate models— exactly as called for by the Common Core. *Flexible:* The program is flexible and provides a wealth of resources to meet the needs of teachers and students. Four pages of differentiated resources are provided for every lesson, including appropriate resources to differentiate instruction effectively for struggling learners, English Language Learners, and advanced students. Students have access to a variety of multimedia learning aids, including a free Virtual Nerd tutorial video mobile app, digital manipulatives, and interactive online practice. *Data-Driven:* The program is data-driven. Chapter performance tasks and technology-enhanced next-generation assessments provide the rigor required to prepare students for upcoming assessments. Students have ample opportunities to practice solving rich, multi-step tasks throughout the program. Data-driven digital resources include auto-graded online assessments where the appropriate remediation or enrichment is automatically assigned to the student.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	***Pearson High School Mathematics Common Core ©2015*** was developed to meet the need for a rigorous high school math Common Core curriculum. The program incorporates Understanding by Design® principles and offers the flexibility teachers need to provide instruction for English Language Learners, as well as below-level, on-level, and above-level students. The print and digital resources in the program can be used for both whole class and small group instruction with plenty of opportunities for differentiated instruction. Program technology that works on both mobile and desktop devices provides ample opportunity for students to engage with both content standards and practice standards by using tools such as digital manipulatives, Dynamic Activities, video tutorials, and interactive online practice.

Best Practices in Program Design:	Understanding by Design® principles have provided guidance on how to structure chapters and lessons in ***Pearson High School Mathematics Common Core ©2015*** to achieve the content and practice goals. With a research-based approach for curriculum planning, Understanding by Design® focuses on achieving the desired learning outcomes with coherence. A focused and coherent mathematics curriculum provides in-depth instruction on a limited number of important categories of mathematics content. Every chapter in ***Pearson High School Mathematics Common Core ©2015*** correlates to the CCSSM conceptual categories, domains, and content clusters. The program is unique in that it extends focus and coherence beyond just providing in-depth instruction on a limited number of important topics of mathematics content. The program extends focus and coherence by making explicit the Big Ideas in mathematics that students need to know and by showing how those ideas are related. Several Big Ideas run across conceptual categories; they connect ideas across topics. Big Ideas are translated into student-friendly Essential Questions presented at the beginning of each chapter. Essential Questions focus students' attention on what they will be learning throughout a chapter and what they will be able to do and understand at the end of a chapter. Essential Questions are revisited at the end of each chapter where answers are given.

Main Components & Ancillary Items Needed for Implementation:	*Students:* Student Edition + Digital Courseware (5-year access) *Teachers:* Teacher's Edition + Digital Access. Note: Student and teacher digital access includes program ancillary materials.

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Professional Development /Training Required?	[x] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service: Pearson High School Math comes with a day of Activation Training to get your teachers ready for Day 1 in the classroom. That day of training is included in the price of Pearson High School Math adoption. Additional trainings such as one-on-one coaching and mentoring sessions and small group sessions (e.g., for lesson planning) can be customized to individual schools and the district based on individual need. Cost for training day with a Pearson consultant is $3500. Bulk discounts may apply for purchases of multiple days."	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	Pearson Realize
Cross Platform Functionality:	Functions across mobile and desktop devices, on both Windows and Mac systems
Plugins Needed: (Flash, Shockwave)	NA – no plugins needed Note: • Pearson does not recommend disabling pop-up blockers. • Enable JavaScript® and cookies. • Disable the Internet Explorer® Content Advisor.
Screen Resolution:	PC: 1280 x 1024 (recommended maximum); 1024 x 768 (minimum) Mac: 1280 x 960 (recommended maximum); 1024 x 768 (minimum)
Connectivity Speed Requirement:	The Realize application is a modern web application. The user's web browser will cache Realize for a period of 30 days or until a new version becomes available. It is estimated that an average of 12MB worth of data is being transmitted per student per day. This is based on a student usage session of seven page hits and downloading one content item.
Mobile Device Capability:	We officially support iPads. We use responsive design so as long as the user is on a mobile tablet device that is running a supported browser, the application will adjust to the browser's size. Although Realize does not yet officially support all devices, the Realize team is working to support customers that are using Realize on iPhones and Android devices, and is actively testing several devices for compatibility. Devices we're testing now: • Chromebook • Kuno • Surface 2 (w/Windows RT) • iPhone 5S • Nexus 7 • Kindle Fire 7 • Samsung Galaxy 4
Licensing Model(s): (Subscription, 1 yr., etc.)	Each user requires their own digital license to access ***Pearson High School Mathematics Common Core ©2015*** content hosted on Realize. The program is available for 5-year access.
Updating Process: (How often, auto updates, etc.)	Generally, new Realize platform features are released about five to seven times per year, and they are automatic, requiring no action on the user's end. Content updates for the ***Pearson High School Mathematics Common Core ©2015*** program are released as necessary; updated content appears automatically in the user's account.
Tools & Features:	Find Content Quickly • Easy navigation provides point of use access to lesson content and instructional resources. • Powerful search tools help you find the content by keyword or standard. • Content delivered in seconds when you need to change your lesson plan. Easy to Customize • Use drag and drop to rearrange the Table of Contents. • Modify Pearson content to meet the needs of your classroom. • Add content to enrich your lessons. Access Data you Need • Track student mastery, item analysis, progress and usage at a glance. • Easy to read, color coded graphs • Clickable data points allow you to analyze data quickly. • View assignment completion by class, group, or student.

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) Pearson Education, Inc.	**Title of Material: (this must match Submission/Bid Form & Sample)** Trigonometry 10th edition Student Edition includes 1 year access to MathXL for School	**Copyright: (this must match Submission/Bid Form & Sample)** 2013 **ISBN number: (must match Submission-Bid Form & Sample)** 9780132832588
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) Trigonometry Grades 9-12	**Author(s): (this must match Submission/Bid Form & Sample)** Lial, Hornsby, Schneider	**Grade Level: (this must match Submission/Bid Form & Sample)** 9-12
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): High School: Trigonometry		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**Trigonometry, Tenth Edition**, by Lial, Hornsby, Schneider, and Daniels, engages and supports students in the learning process by developing both the conceptual understanding and the analytical skills necessary for success in mathematics. With the **Tenth Edition**, the authors recognize that students are learning in new ways, and that the classroom is evolving. For a graphing-optional course • Develops conceptual understanding and analytical skills for maximum understanding. Graphing calculator use is optional and integrated where appropriate. • Optional use of a graphing calculator. • Real-life applications. • Updated exercises and examples throughout. • Explanatory side comments are increased to guide students through the steps of simplifying and solving problems in the examples. • Cautions & Notes, and Looking Ahead to Calculus features enhance student learning and appreciation. • Special function boxes offer a comprehensive, visual introduction to the major trigonometric functions.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	**Trigonometry, Tenth Edition** is intended a full year or semester high school course.

Best Practices in Program Design:	**Support for Learning Concepts:** a systematic approach is used to present each topic, and is designed to actively engage students in the learning process. As a result, students develop both the conceptual understanding and the analytical skills necessary for success.

Main Components & Ancillary Items Needed for Implementation:	Main components: Student Edition includes 1 year access to MathXL for School and Instructor's Edition. Technology options: MathXL for School or MyMathLab for School
Professional Development /Training Required?	[X] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service:	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	MathXL for School

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Cross Platform Functionality:	All **MathXL for School** courses support both Windows or Macintosh operating systems and a supported version of Microsoft Internet Explorer, Chrome, Firefox, or Safari. For more information visit: http://info.mathxlforschool.com/system-requirements
Plugins Needed: (Flash, Shockwave)	You may need to run the Browser Check to install the components needed to view exercises and multimedia content in your course. Please run a Browser Check at http://info.mathxlforschool.com/browser-check to see the most recent plug-in requirements.
Screen Resolution:	**Basic requirement: Monitor resolution**: 1024 x 768
Connectivity Speed Requirement:	Basic requirements: • **Internet connection**: Cable/DSL, T1, or other high-speed for multimedia content; 56k modem (minimum) for tutorials, homework, and testing. • **Memory**: 1 GB RAM minimum (2 GB or more recommended) • **Monitor resolution**: 1024 x 768 • **Plug-ins**: You may need certain plug-ins and players from the MathXL for School Browser Check (also found inside your course)
Mobile Device Capability:	MathXL for School supports the use of iPads and tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	Each user requires their own access code to utilize MathXL for School. Access is valid for 1 student and up to 1 year.
Updating Process: (How often, auto updates, etc.)	MathXL for School provides two releases / updates a year. They are automatic, requiring no action on the user's end.
Tools & Features:	MathXL® for School is the essential online addition to any core curriculum that provides personalized instruction and practice for middle and high school students of all levels. Tied directly to this textbook, teachers can easily create, edit, and assign homework and tests. Students can: • Work in personalized study plans that highlight strengths and weaknesses • Get help from interactive study aids, stepped-out examples, video tutors, and animations • Receive immediate feedback • Reference pages from the textbook for additional support Teachers can: • Avoid piles of ungraded homework with auto-graded assignments • Quickly create objectives-based quizzes and tests • Assess individual and group performance using data-driven reports • Deliver quality, effective instruction regardless of experience level

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: (this must match Submission/Bid Form & Sample) Pearson Education, Inc.	**Title of Material: (this must match Submission/Bid Form & Sample)** Precalculus 5th edition Student Edition includes FREE 1 year access to MathXL for School	**Copyright: (this must match Submission/Bid Form & Sample)** 2014 **ISBN number: (must match Submission-Bid Form & Sample)** 9780133132106
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) Precalculus Grades 9-12	**Author(s): (this must match Submission/Bid Form & Sample)** Blitzer	**Grade Level: (this must match Submission/Bid Form & Sample)** 9-12
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): High School: Precalculus		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	• Exceptionally clear and accessible presentation. • Graphing calculator optional. • New applications and real-world data. • New! Great Question! feature and a new Concept and Vocabulary Check feature before each exercise set. • "Make Sense?" classroom discussion exercises contain four critical thinking exercises to test for conceptual understanding. • New True/False Critical Thinking exercises that encourage deeper understanding. • Preview exercise sets help students prepare for the next section. • New edition asks students if values obtained from mathematical models underestimate or overestimate data displayed by graphs, and, if so, by how much. • Increased Study Tip Boxes offer suggestions for problem solving, point out common errors to avoid, and provide informal hints and suggestions.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	***Precalculus 5th* Edition** is intended a full year or semester high school course.

Best Practices in Program Design:	1. To help students acquire a solid foundation in precalculus. 2. To show students how precalculus can model and solve authentic real-world problems. 3. To enable students to develop problem-solving skills, while fostering critical thinking, within an interesting setting.

Main Components & Ancillary Items Needed for Implementation:	Main components: Student Edition includes 1 year access to MathXL for School and Instructor's Edition. Technology options: MathXL for School or MyMathLab for School
Professional Development /Training Required?	[X] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service:	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	MathXL for School

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Cross Platform Functionality:	All **MathXL for School** courses support both Windows or Macintosh operating systems and a supported version of Microsoft Internet Explorer, Chrome, Firefox, or Safari. For more information visit: http://info.mathxlforschool.com/system-requirements
Plugins Needed: (Flash, Shockwave)	You may need to run the Browser Check to install the components needed to view exercises and multimedia content in your course. Please run a Browser Check at http://info.mathxlforschool.com/browser-check to see the most recent plug-in requirements.
Screen Resolution:	**Basic requirement: Monitor resolution**: 1024 x 768
Connectivity Speed Requirement:	Basic requirements: • **Internet connection**: Cable/DSL, T1, or other high-speed for multimedia content; 56k modem (minimum) for tutorials, homework, and testing. • **Memory**: 1 GB RAM minimum (2 GB or more recommended) • **Monitor resolution**: 1024 x 768 • **Plug-ins**: You may need certain plug-ins and players from the MathXL for School Browser Check (also found inside your course)
Mobile Device Capability:	MathXL for School supports the use of iPads and tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	Each user requires their own access code to utilize MathXL for School. Access is valid for 1 student and up to 1 year.
Updating Process: (How often, auto updates, etc.)	MathXL for School provides two releases / updates a year. They are automatic, requiring no action on the user's end.
Tools & Features:	MathXL® for School is the essential online addition to any core curriculum that provides personalized instruction and practice for middle and high school students of all levels. Tied directly to this textbook, teachers can easily create, edit, and assign homework and tests. Students can: • Work in personalized study plans that highlight strengths and weaknesses • Get help from interactive study aids, stepped-out examples, video tutors, and animations • Receive immediate feedback • Reference pages from the textbook for additional support Teachers can: • Avoid piles of ungraded homework with auto-graded assignments • Quickly create objectives-based quizzes and tests • Assess individual and group performance using data-driven reports • Deliver quality, effective instruction regardless of experience level

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Publishing Company Name: (this must match Submission/Bid Form & Sample) Pearson Education, Inc.	**Title of Material: (this must match Submission/Bid Form & Sample)** Precalculus: Graphical, Numerical, Algebraic includes 1 year access to MathXL for School	**Copyright: (this must match Submission/Bid Form & Sample)** 2015 **ISBN number: (must match Submission-Bid Form & Sample)** 9780133541342
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) Precalculus Grades 9-12	**Author(s): (this must match Submission/Bid Form & Sample)** Demana, Waits, Foley, Kennedy, Bock	**Grade Level: (this must match Submission/Bid Form & Sample)** 9-12
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): High School: Precalculus		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	.
	For graphing-intensive courses
	○ Nationally recognized author team with years of experience and expertise in the teaching of both precalculus and calculus.
	○ Fully aligns to cover all (+) standards of the Common Core
	○ Designed for the way you teach:
	  ○ Additional coverage of topics that students are likely to struggle with.
	  ○ Shorter sections to accommodate the class period length.
	  ○ Extensive resources for new and experienced instructors.
	○ Written for the needs of today's students:
	  ○ Perfect balance of graphical and algebraic representation.
	  ○ Applications integrated throughout the text.
	  ○ Examples and exercises for all levels of students.
	○ The Twelve Basic Functions are emphasized throughout the book as a major theme and focus.
	○ Expanded sections now include Closeness and Betweenness in a Complex World and Random Variables and Expected Value
	○ Updated data sets and applications
	○ **Provides additional resources to meet your Common Core goals:**
	  ○ Common Core Student Practice and Review Guide provides support for every section and includes the following resources: Problem Solving, Practice and Standardized Test Prep.
	  ○ Common Core Implementation Guide supports teachers to make the transition to a Common Core curriculum.
	  Includes:
	  • Over view of the Common Core State Standards
	  • Standards for Mathematical Practice Observational Protocol
	  • Common Core Correlations
	  • Common Core assessment resources

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	***Precalculus: Graphical, Numerical, Algebraic Common Core*** is intended a full year or semester high school course.

Best Practices in Program Design:	Meets the Common Core State Standards. Utilizes the Rule of Four approach. The Twelve Basic Functions are a major theme and focus.

Main Components & Ancillary Items Needed for Implementation:	Main components: Student Edition includes 1 year access to MathXL for School and Annotated Teacher's Edition. Technology options: MathXL for School or MyMathLab for School
Professional Development /Training Required?	[X] **YES** [ ]

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If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	MathXL for School
Cross Platform Functionality:	All **MathXL for School** courses support both Windows or Macintosh operating systems and a supported version of Microsoft Internet Explorer, Chrome, Firefox, or Safari. For more information visit: http://info.mathxlforschool.com/system-requirements
Plugins Needed: (Flash, Shockwave)	You may need to run the Browser Check to install the components needed to view exercises and multimedia content in your course. Please run a Browser Check at http://info.mathxlforschool.com/browser-check to see the most recent plug-in requirements.
Screen Resolution:	**Basic requirement: Monitor resolution**: 1024 x 768
Connectivity Speed Requirement:	Basic requirements: • **Internet connection**: Cable/DSL, T1, or other high-speed for multimedia content; 56k modem (minimum) for tutorials, homework, and testing. • **Memory**: 1 GB RAM minimum (2 GB or more recommended) • **Monitor resolution**: 1024 x 768 • **Plug-ins**: You may need certain plug-ins and players from the MathXL for School Browser Check (also found inside your course)
Mobile Device Capability:	MathXL for School supports the use of iPads and tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	Each user requires their own access code to utilize MathXL for School. Access is valid for 1 student and up to 1 year.
Updating Process: (How often, auto updates, etc.)	MathXL for School provides two releases / updates a year. They are automatic, requiring no action on the user's end.
Tools & Features:	MathXL® for School is the essential online addition to any core curriculum that provides personalized instruction and practice for middle and high school students of all levels. Tied directly to textbook, teachers can easily create, edit, and assign homework and tests. Students can: • Work in personalized study plans that highlight strengths and weaknesses • Get help from interactive study aids, stepped-out examples, video tutors, and animations • Receive immediate feedback • Reference pages from the textbook for additional support Teachers can: • Avoid piles of ungraded homework with auto-graded assignments • Quickly create objectives-based quizzes and tests • Assess individual and group performance using data-driven reports • Deliver quality, effective instruction regardless of experience level

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: (this must match Submission/Bid Form & Sample) Pearson Prentice Hall	**Title of Material: (this must match Submission/Bid Form & Sample)** Precalculus: Enhanced with Graphing Utilities 6th edition Student Edition includes includes 1 year access to MathXL for School	**Copyright: (this must match Submission/Bid Form & Sample)** 2013 **ISBN number: (must match Submission-Bid Form & Sample)** 9780132854351
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) Functions Grades 9-12	**Author(s): (this must match Submission/Bid Form & Sample)** Sullivan, Sullivan	**Grade Level: (this must match Submission/Bid Form & Sample)** 9-12
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): High School: Functions		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Praised on their ability to understand what it takes to be successful in mathematics, the Sullivans have created a text with an overall learning system that includes preparation, practice, and review to help students get the most out of their studies. The authors take into account the skills that students bring to this course and the way that technology can be used to enhance learning without sacrificing math skills. • Dependable text known for its accuracy, precision, depth, strong student support, and abundant exercises. • "Preparing For This Section" provides "just-in-time" review of previously presented concepts and skills. • "Now Work" and "Are You Prepared?" help students identify what they need to review and where to review it. • Step-by-step, annotated examples provide detailed intermediate steps. • "Things to Know" detail important theorems, formulas, identities, definitions, and functions. • Includes student access to MathXL for School, the online homework, assessment and tutorial program aligned directly to the textbook. For more information, including implementation ideas, walkthrough guides, and more, please visit www.mathxlforschool.com.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	***Precalculus Enhanced with Graphing Utilities,* Sixth Edition** is intended a full year or semester high school course.

Best Practices in Program Design:	Includes an overall learning system that offers preparation, practice, and review help students get the most out of their studies with functions. The authors take into account the skills that students bring to this course and the way that technology can be used to enhance learning without sacrificing math skills.

Main Components & Ancillary Items Needed for Implementation:	Main components: Student Edition includes 1 year access to MathXL for School and Instructor's Edition. . Technology options: MathXL for School or MyMathLab for School
Professional Development /Training Required?	[X] **YES** [ ]

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If applicable, explain in-service training, required, number of hours and fees associated with service:

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	MathXL for School
Cross Platform Functionality:	All **MathXL for School** courses support both Windows or Macintosh operating systems and a supported version of Microsoft Internet Explorer, Chrome, Firefox, or Safari. For more information visit: http://info.mathxlforschool.com/system-requirements
Plugins Needed: (Flash, Shockwave)	You may need to run the Browser Check to install the components needed to view exercises and multimedia content in your course. Please run a Browser Check at http://info.mathxlforschool.com/browser-check to see the most recent plug-in requirements.
Screen Resolution:	**Basic requirement: Monitor resolution**: 1024 x 768
Connectivity Speed Requirement:	Basic requirements: • **Internet connection**: Cable/DSL, T1, or other high-speed for multimedia content; 56k modem (minimum) for tutorials, homework, and testing. • **Memory**: 1 GB RAM minimum (2 GB or more recommended) • **Monitor resolution**: 1024 x 768 • **Plug-ins**: You may need certain plug-ins and players from the MathXL for School Browser Check (also found inside your course)
Mobile Device Capability:	MathXL for School supports the use of iPads and tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	Each user requires their own access code to utilize MathXL for School. Access is valid for 1 student and up to 1 year.
Updating Process: (How often, auto updates, etc.)	MathXL for School provides two releases / updates a year. They are automatic, requiring no action on the user's end.
Tools & Features:	MathXL® for School is the essential online addition to any core curriculum that provides personalized instruction and practice for middle and high school students of all levels. Tied directly to Elementary Statistics: Picturing the World 6th edition, teachers can easily create, edit, and assign homework and tests. Students can: • Work in personalized study plans that highlight strengths and weaknesses • Get help from interactive study aids, stepped-out examples, video tutors, and animations • Receive immediate feedback • Reference pages from the textbook for additional support Teachers can: • Avoid piles of ungraded homework with auto-graded assignments • Quickly create objectives-based quizzes and tests • Assess individual and group performance using data-driven reports • Deliver quality, effective instruction regardless of experience level

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Publishing Company Name: (this must match Submission/Bid Form & Sample) Pearson Prentice Hall	**Title of Material: (this must match Submission/Bid Form & Sample)** Calculus: Graphical, Numerical, Algebraic AP / 5th edition Student Edition includes 1 year access to MathXL for School	**Copyright: (this must match Submission/Bid Form & Sample)** 2016 **ISBN number: (must match Submission-Bid Form & Sample)** 9780133314533
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) AP Calculus AB/BC Grades 9-12	**Author(s): (this must match Submission/Bid Form & Sample)** Finney, Demana, Waits, Kennedy, Bressoud	**Grade Level: (this must match Submission/Bid Form & Sample)** 9-12
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): AP Calculus AB/BC Grades 9-12		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The nationally recognized author team is back with the 5th Edition of Calculus: Graphical, Numerical, Algebraic written specifically for high school students and aligned to the latest AP Calculus Curriculum Framework and AP Calculus Mathematical Practices. In this edition, renowned author David Bressoud joins the author team bringing his expertise in calculus and knowledge of the AP Calculus exam. • Adheres to the NEW AP Calculus Curriculum Framework for AP* Calculus AB & BC • Supports and aligns to the Mathematical Practices for AP Calculus. • AP* Test Prep workbook written specifically for use with this text • Includes concept outlines to both AB and BC Exams • Detailed guidance in every chapter on the appropriate use of graphing calculators, versus when students should solve problems without them. • Chapter 1 has been updated to focus on the function essentials and to be a more clear review of topics previously learned. • Many chapter openers have been revised to motivate students and show how important calculus models are in real-world behavior. • Historical notes have been improved and updated with new author Bressoud's insights.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	Calculus: Graphical, Numerical, Algebraic AP / 5th edition is intended a full year or semester Calculus course for AB or BC.

Best Practices in Program Design:	Adheres to the NEW AP Calculus Curriculum Framework for AP* Calculus AB & BC. Supports and aligns to the Mathematical Practices for AP Calculus. Includes concept outlines to both AB and BC Exams. Utilizes the Rule of Four Approach.

Main Components & Ancillary Items Needed for Implementation:	Main components: Student Edition includes 1 year access to MathXL for School and Instructor's Edition. Technology options: MathXL for School or MyMathLab for School
Professional Development /Training Required?	[X] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service:	

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CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
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Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	MathXL for School
Cross Platform Functionality:	All **MathXL for School** courses support both Windows or Macintosh operating systems and a supported version of Microsoft Internet Explorer, Chrome, Firefox, or Safari. For more information visit: http://info.mathxlforschool.com/system-requirements
Plugins Needed: (Flash, Shockwave)	You may need to run the Browser Check to install the components needed to view exercises and multimedia content in your course. Please run a Browser Check at http://info.mathxlforschool.com/browser-check to see the most recent plug-in requirements.
Screen Resolution:	**Basic requirement: Monitor resolution**: 1024 x 768
Connectivity Speed Requirement:	Basic requirements: • **Internet connection**: Cable/DSL, T1, or other high-speed for multimedia content; 56k modem (minimum) for tutorials, homework, and testing. • **Memory**: 1 GB RAM minimum (2 GB or more recommended) • **Monitor resolution**: 1024 x 768 • **Plug-ins**: You may need certain plug-ins and players from the MathXL for School Browser Check (also found inside your course)
Mobile Device Capability:	MathXL for School supports the use of iPads and tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	Each user requires their own access code to utilize MathXL for School. Access is valid for 1 student and up to 1 year.
Updating Process: (How often, auto updates, etc.)	MathXL for School provides two releases / updates a year. They are automatic, requiring no action on the user's end.
Tools & Features:	MathXL® for School is the essential online addition to any core curriculum that provides personalized instruction and practice for middle and high school students of all levels. Tied directly to this textbook, teachers can easily create, edit, and assign homework and tests. Students can: • Work in personalized study plans that highlight strengths and weaknesses • Get help from interactive study aids, stepped-out examples, video tutors, and animations • Receive immediate feedback • Reference pages from the textbook for additional support Teachers can: • Avoid piles of ungraded homework with auto-graded assignments • Quickly create objectives-based quizzes and tests • Assess individual and group performance using data-driven reports • Deliver quality, effective instruction regardless of experience level

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) Pearson Prentice Hall	**Title of Material: (this must match Submission/Bid Form & Sample)** AP Calculus: Student Edition includes 1 year access to MathXL for School	**Copyright: (this must match Submission/Bid Form & Sample)** 2015 **ISBN number: (must match Submission-Bid Form & Sample)** 9780133498349
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) AP Calculus AB/BC Grades 9-12	**Author(s): (this must match Submission/Bid Form & Sample)** Briggs, Cochran	**Grade Level: (this must match Submission/Bid Form & Sample)** 9-12

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

AP Calculus AB/BC Grades 9-12

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Renowned authors, William Briggs and Lyle Cochran have built from the ground up a program specifically for AP Calculus teachers and students. • In collaboration with more than 90 academic experts and classroom practitioners the authors' balance rigor and intuition and prepare students to be successful on the AP exam. • AP-specific chapter content clearly correlates to the AP Curriculum Framework and prepares students for the AB or BC exam. • A ground breaking and award winning eBook includes more than 400 interactive figures drawn straight from the book (available in *MyMathLab® for School*). • Interactive figures allow for teachers to illustrate important ideas in the classroom and students to explore concepts in ways that a static book cannot provide. • Quick check margin notes encourage the student to read with pencil in hand. • A cumulative exercise sets and a set of AP practice exercises conclude each chapter.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	AP Calculus is intended a full year or semester Calculus course for AB or BC.

Best Practices in Program Design:	• Geometric Intuition: The authors appeal to students' intuition and geometric instincts to make calculus natural and believable. They introduce new ideas through concrete examples, figures, applications, or analogies. • Ground Breaking Technology and Interactive Figures: Interactive figures within the eBook enable teachers and students to manipulate figures and bring hard-to-convey concepts to life. • A Balanced Approach: The authors purposely teach from examples that provide in depth explanations and build students' conceptual understanding and computational fluency.

Main Components & Ancillary Items Needed for Implementation:	Main components: Student Edition includes 1 year access to MathXL for School and Instructor's Edition. Technology options: MathXL for School or MyMathLab for School

Professional Development /Training Required?

[X] **YES** [ ] **NO**

If applicable, explain in-service training, required, number of hours and fees associated with service:

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	MathXL for School
Cross Platform Functionality:	All **MathXL for School** courses support both Windows or Macintosh operating systems and a supported version of Microsoft Internet Explorer, Chrome, Firefox, or Safari. For more information visit: http://info.mathxlforschool.com/system-requirements
Plugins Needed: (Flash, Shockwave)	You may need to run the Browser Check to install the components needed to view exercises and multimedia content in your course. Please run a Browser Check at http://info.mathxlforschool.com/browser-check to see the most recent plug-in requirements.
Screen Resolution:	**Basic requirement: Monitor resolution**: 1024 x 768
Connectivity Speed Requirement:	Basic requirements: • **Internet connection**: Cable/DSL, T1, or other high-speed for multimedia content; 56k modem (minimum) for tutorials, homework, and testing. • **Memory**: 1 GB RAM minimum (2 GB or more recommended) • **Monitor resolution**: 1024 x 768 • **Plug-ins**: You may need certain plug-ins and players from the MathXL for School Browser Check (also found inside your course)
Mobile Device Capability:	MathXL for School supports the use of iPads and tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	Each user requires their own access code to utilize MathXL for School. Access is valid for 1 student and up to 1 year.
Updating Process: (How often, auto updates, etc.)	MathXL for School provides two releases / updates a year. They are automatic, requiring no action on the user's end.
Tools & Features:	MathXL® for School is the essential online addition to any core curriculum that provides personalized instruction and practice for middle and high school students of all levels. Tied directly to this textbook, teachers can easily create, edit, and assign homework and tests. Students can: • Work in personalized study plans that highlight strengths and weaknesses • Get help from interactive study aids, stepped-out examples, video tutors, and animations • Receive immediate feedback • Reference pages from the textbook for additional support Teachers can: • Avoid piles of ungraded homework with auto-graded assignments • Quickly create objectives-based quizzes and tests • Assess individual and group performance using data-driven reports • Deliver quality, effective instruction regardless of experience level

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) **Pearson Prentice Hall**	**Title of Material: (this must match Submission/Bid Form & Sample)** Stats In Your World 2nd Edition Student Edition includes 1 year access to MathXL for School	**Copyright: (this must match Submission/Bid Form & Sample)** 2016 **ISBN number: (must match Submission-Bid Form & Sample)** 9780133995299
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) Statistics and Probability Grades 9-12	**Author(s): (this must match Submission/Bid Form & Sample)** Bock, et. al	**Grade Level: (this must match Submission/Bid Form & Sample)** 9-12

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):

High School: Statistics and Probability

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	For algebra-based Introductory Statistics courses • Designed to help students leave high school equipped with the ability to make sense of statistics and see its relevance to everyday life. • Updated to meet and include all Common Core topics. Icons at the start of many sections identify the specific standards addressed there. • Leads with practical data analysis and graphics, encouraging students to "do statistics" and "think statistically" from the start. • Uses real-world examples wherever possible to engage students. • Includes the most common mistakes in statistical thinking to help students avoid errors. • Extensive exercise sets feature applied concepts and check students' ability to think statistically, rather than simply produce an answer. • A tiered exercise approach features the same concept at three levels to differentiate instruction. • Articles from Time, Newsweek, and the New York Times show the application of statistics in the real world.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	Stats in Your World 2nd Edition is intended a full year or semester high school course.

Best Practices in Program Design:	The author team worked to provide scaffolded materials to help each class, in its own way, follow the GAISE project (Guidelines for Assessment and Instruction in Statistics Education) sponsored by the American Statistical Association. That report urges that Statistics education should: 1. emphasize Statistical literacy and develop Statistical thinking, 2. use real data, 3. stress conceptual understanding rather than mere knowledge of procedures, 4. foster active learning, 5. use technology for developing concepts and analyzing data, and 6. make assessment a part of the learning process.

Main Components & Ancillary Items Needed for Implementation:	Main components: Student Edition includes 1 year access to MathXL for School, Teacher's Edition. Technology options: MathXL for School, or MyMathLab for School

Professional Development /Training Required? [X] **YES** [ ]

If applicable, explain in-service training, required, number of hours and fees associated with service:

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	MathXL for School
Cross Platform Functionality:	All **MathXL for School** courses support both Windows or Macintosh operating systems and a supported version of Microsoft Internet Explorer, Chrome, Firefox, or Safari. For more information visit: http://info.mathxlforschool.com/system-requirements
Plugins Needed: (Flash, Shockwave)	You may need to run the Browser Check to install the components needed to view exercises and multimedia content in your course. Please run a Browser Check at http://info.mathxlforschool.com/browser-check to see the most recent plug-in requirements.
Screen Resolution:	**Basic requirement: Monitor resolution**: 1024 x 768
Connectivity Speed Requirement:	Basic requirements: • **Internet connection**: Cable/DSL, T1, or other high-speed for multimedia content; 56k modem (minimum) for tutorials, homework, and testing. • **Memory**: 1 GB RAM minimum (2 GB or more recommended) • **Monitor resolution**: 1024 x 768 • **Plug-ins**: You may need certain plug-ins and players from the MathXL for School Browser Check (also found inside your course)
Mobile Device Capability:	MathXL for School supports the use of iPads and tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	Each user requires their own access code to utilize MathXL for School. Access is valid for 1 student and up to 1 year.
Updating Process: (How often, auto updates, etc.)	MathXL for School provides two releases / updates a year. They are automatic, requiring no action on the user's end.
Tools & Features:	MathXL® for School is the essential online addition to any core curriculum that provides personalized instruction and practice for middle and high school students of all levels. Tied directly to Stats in Your World 2nd edition, teachers can easily create, edit, and assign homework and tests. Students can: • Work in personalized study plans that highlight strengths and weaknesses • Get help from interactive study aids, stepped-out examples, video tutors, and animations • Receive immediate feedback • Reference pages from the textbook for additional support Teachers can: • Avoid piles of ungraded homework with auto-graded assignments • Quickly create objectives-based quizzes and tests • Assess individual and group performance using data-driven reports • Deliver quality, effective instruction regardless of experience level

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) Pearson Prentice Hall	**Title of Material: (this must match Submission/Bid Form & Sample)** Elementary Statistics: Picturing the World 6th Edition Student Edition includes includes 1 year access to MathXL for School	**Copyright: (this must match Submission/Bid Form & Sample)** 2015 **ISBN number: (must match Submission-Bid Form & Sample)** 9780133541441
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) Statistics and Probability Grades 9-12	**Author(s): (this must match Submission/Bid Form & Sample)** Larson, Farber	**Grade Level: (this must match Submission/Bid Form & Sample)** 9-12
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): High School: Statistics and Probability		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Larson and Farber's ***Elementary Statistics: Picturing the World*, Sixth Edition**, provides stepped out instruction, real-life examples and exercises, and the use of technology to offer the most accessible approach. The authors carefully develop theory through strong pedagogy, and examples show how statistics is used to picture and describe the world. In keeping with the premise that students learn best by doing, it includes more than 210 examples and more than 2300 exercises, to make the concepts of statistics a part of students' everyday lives. ***Elementary Statistics: Picturing the World,* Sixth Edition,** presents a better teaching and learning experience—for you and your students. Here's how: • **Stepped out instruction and guided student learning** through an abundance of exercises build students' knowledge and skills in statistics. Included are visual descriptions, unique chapter overviews and summaries, clear learning objectives, boxed definitions and formulas, margin features, and more. • **Real-life and interactive features** present statistics at work in the real world and show how statistics is relevant to students' lives. • **Examples and exercises** tie the material to students' lives.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	***Elementary Statistics: Picturing the World,* Sixth Edition** is intended a full year or semester high school course.

Best Practices in Program Design:	This text follows the GAISE project (Guidelines for Assessment and Instruction in Statistics Education) sponsored by the American Statistical Association. That report urges that Statistics education should: 1. emphasize Statistical literacy and develop Statistical thinking, 2. use real data, 3. stress conceptual understanding rather than mere knowledge of procedures, 4. foster active learning, 5. use technology for developing concepts and analyzing data, and 6. make assessment a part of the learning process. The examples, exercises, and features in this text embrace all ofthese recommendations.

Main Components & Ancillary Items Needed for Implementation:	Main components: Student Edition includes 1 year access to MathXL for School, Annotated Instructor's Edition. Technology options: MathXL for School or MyMathLab for School
Professional Development /Training Required?	[X] **YES** [ ]
If applicable, explain in-service training, required, number of hours and fees associated with service:	

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	MathXL for School
Cross Platform Functionality:	All **MathXL for School** courses support both Windows or Macintosh operating systems and a supported version of Microsoft Internet Explorer, Chrome, Firefox, or Safari. For more information visit: http://info.mathxlforschool.com/system-requirements
Plugins Needed: (Flash, Shockwave)	You may need to run the Browser Check to install the components needed to view exercises and multimedia content in your course. Please run a Browser Check at http://info.mathxlforschool.com/browser-check to see the most recent plug-in requirements.
Screen Resolution:	**Basic requirement: Monitor resolution**: 1024 x 768
Connectivity Speed Requirement:	Basic requirements: • **Internet connection**: Cable/DSL, T1, or other high-speed for multimedia content; 56k modem (minimum) for tutorials, homework, and testing. • **Memory**: 1 GB RAM minimum (2 GB or more recommended) • **Monitor resolution**: 1024 x 768 • **Plug-ins**: You may need certain plug-ins and players from the MathXL for School Browser Check (also found inside your course)
Mobile Device Capability:	MathXL for School supports the use of iPads and tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	Each user requires their own access code to utilize MathXL for School. Access is valid for 1 student and up to 1 year.
Updating Process: (How often, auto updates, etc.)	MathXL for School provides two releases / updates a year. They are automatic, requiring no action on the user's end.
Tools & Features:	MathXL® for School is the essential online addition to any core curriculum that provides personalized instruction and practice for middle and high school students of all levels. Tied directly to Elementary Statistics: Picturing the World 6th edition, teachers can easily create, edit, and assign homework and tests. Students can: • Work in personalized study plans that highlight strengths and weaknesses • Get help from interactive study aids, stepped-out examples, video tutors, and animations • Receive immediate feedback • Reference pages from the textbook for additional support Teachers can: • Avoid piles of ungraded homework with auto-graded assignments • Quickly create objectives-based quizzes and tests • Assess individual and group performance using data-driven reports • Deliver quality, effective instruction regardless of experience level

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) Pearson Prentice Hall	**Title of Material: (this must match Submission/Bid Form & Sample)** Stats Modeling the World 4th edition / AP: Student Edition includes 1 year access to MathXL for School	**Copyright: (this must match Submission/Bid Form & Sample)** 2015 **ISBN number: (must match Submission-Bid Form & Sample)** 9780133541250
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) AP Statistics Grades 9-12	**Author(s): (this must match Submission/Bid Form & Sample)** Bock, Velleman, De Veaux	**Grade Level: (this must match Submission/Bid Form & Sample)** 9-12
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): AP Statistics Grades 9-12		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The most cited text in the College Board's AP* Statistics sample syllabi. • Applauded for its readability—your students will read this book! • Leads with practical data analysis and graphics, encouraging students to "do statistics" and "think statistically" from the start. • TI-Nspire™ content integrated throughout the text, including margin pointers describing the new calculator activities. • Updated data used in examples and exercises. •Fully-updated AP* teacher and student supplements • AP Test Prep Workbook aligns specifically to the text and helps students prepare for the AP Statistics exam.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	***Stats Modeling the World 4th edition*** is intended for a full year or semester AP Statistics course.

Best Practices in Program Design:	The author team has been guided in the choice of topics and emphasis on clear communication by the requirements of the Advanced Placement Statistics course. In our order of presentation, we have tried to ensure that each new topic fits logically into the growing structure of understanding that we hope students will build. GAISE Guidelines The authors have worked to provide materials to help each class, in its own way, follow the guidelines of the GAISE (Guidelines for Assessment and Instruction in Statistics Education) project sponsored by the American Statistical Association. That report urges that Statistics education should 1. emphasize Statistical literacy and develop Statistical thinking, 2. use real data, 3. stress conceptual understanding rather than mere knowledge of procedures, 4. foster active learning, 5. use technology for developing concepts and analyzing data, and 6. make assessment a part of the learning process.

Main Components & Ancillary Items Needed for Implementation:	Main components: Student Edition includes 1 year access to MathXL for School and Teacher's Edition, AP Test Prep Workbook Technology options: MathXL for School or MyMathLab for School
Professional Development /Training Required?	X YES ☐ NO
If applicable, explain in-service training, required, number of hours and fees associated with service:	

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	MathXL for School
Cross Platform Functionality:	All **MathXL for School** courses support both Windows or Macintosh operating systems and a supported version of Microsoft Internet Explorer, Chrome, Firefox, or Safari. For more information visit: http://info.mathxlforschool.com/system-requirements
Plugins Needed: (Flash, Shockwave)	You may need to run the Browser Check to install the components needed to view exercises and multimedia content in your course. Please run a Browser Check at http://info.mathxlforschool.com/browser-check to see the most recent plug-in requirements.
Screen Resolution:	**Basic requirement: Monitor resolution**: 1024 x 768
Connectivity Speed Requirement:	Basic requirements: • **Internet connection**: Cable/DSL, T1, or other high-speed for multimedia content; 56k modem (minimum) for tutorials, homework, and testing. • **Memory**: 1 GB RAM minimum (2 GB or more recommended) • **Monitor resolution**: 1024 x 768 • **Plug-ins**: You may need certain plug-ins and players from the MathXL for School Browser Check (also found inside your course)
Mobile Device Capability:	MathXL for School supports the use of iPads and tablets.
Licensing Model(s): (Subscription, 1 yr., etc.)	Each user requires their own access code to utilize MathXL for School. Access is valid for 1 student and up to 1 year.
Updating Process: (How often, auto updates, etc.)	MathXL for School provides two releases / updates a year. They are automatic, requiring no action on the user's end.
Tools & Features:	MathXL® for School is the essential online addition to any core curriculum that provides personalized instruction and practice for middle and high school students of all levels. Tied directly to this text, teachers can easily create, edit, and assign homework and tests. Students can: • Work in personalized study plans that highlight strengths and weaknesses • Get help from interactive study aids, stepped-out examples, video tutors, and animations • Receive immediate feedback • Reference pages from the textbook for additional support Teachers can: • Avoid piles of ungraded homework with auto-graded assignments • Quickly create objectives-based quizzes and tests • Assess individual and group performance using data-driven reports • Deliver quality, effective instruction regardless of experience level

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Publishing Company Name: SMc Curriculum LLC	**Title of Material:** Core Focus on Math	**Copyright:** 2014 **ISBN number:** See attached
Subject Area: Mathematics	**Author(s):** McCaw, Armstrong, McCaw, Schuhl, Terry, Valway	**Grade Level:** 6-8

Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5):
Mathematics – Grade 6
Mathematics – Grade 7
Mathematics – Grade 8

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	**Core Focus on Math** is a **middle school math curriculum** series which addresses the **Common Core State Standards** (CCSS) for grades 6, 7, 8 and the Compacted Grade 7-8 program. Core Focus on Math has three texts per grade level, each focusing on multiple clusters of standards in the Common Core and collectively addressing the complete grade level standards. Core Focus on Math addresses the three shifts of the Common Core State Standards: • **FOCUS** – The content in Core Focus on Math focuses on the Priority Clusters in the Common Core State Standards as defined by Smarter Balanced Assessment Consortium. • **COHERENCE** – Each book in the Core Focus on Math series connects vertically with standards at each grade level as well as makes connections within a grade level with appropriate topics. • **RIGOR** – Core Focus on Math goes deep into the focus areas by teaching for conceptual understanding, procedural skill/fluency and application. Students are given opportunities to understand the "why" behind the mathematics, practice for procedural skill and apply the math in appropriate real-world setting.
Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	Whole group, small group unit-based curriculum
Best Practices in Program Design:	Focused, coherent and rigorous curriculum with instructional strategies designed to create a balanced core (conceptual, procedural and application).

IDAHO STATE DEPARTMENT OF EDUCATION

CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-16 BRIEF FORM

Main Components & Ancillary Items Needed for Implementation:	**Student textbooks, teacher editions and teacher resource binders (online optional)**
Professional Development /Training Required? **YES** ☐ x ☐ **NO**	
If applicable, explain in-service training, required, number of hours and fees associated with service:	
Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Web-based**
Cross Platform Functionality:	**Full functionality**
Plugins Needed: (Flash, Shockwave)	**NONE**
Screen Resolution:	**Any**
Connectivity Speed Requirement:	**Any**
Mobile Device Capability:	**Full (with PDF viewer)**
Licensing Model(s): (Subscription, 1 yr., etc.)	**Lifetime access with purchase of texts**
Updating Process: (How often, auto updates, etc.)	**Annual updates and additional content added**
Tools & Features:	**Online access to student textbook, worksheets, lesson video, IXL practice links**

IDAHO STATE DEPARTMENT OF EDUCATION
CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-2016 BRIEF FORM

ISBN-13	Publisher/Title	Grade Level(s)	Copyright Date
9781938801662	SMc Curriculum/Core Focus on Math:Stage 1 Mathematics Set	6	2014
9781938801686	SMc Curriculum/Core Focus on Math:Stage 1 Mathematics Set w/1Yr OLA	6	2014
9781938801709	SMc Curriculum/Core Focus on Decimals/Fractions	6	2014
9781938801716	SMc Curriculum/Core Focus on Ratios, Rates Statistics	6	2014
9781938801723	SMc Curriculum/Core Focus on Introductory Algebra	6	2014
9781938801570	SMc Curriculum/Core Focus on Decimals/Fractions TE	6	2014
9781938801587	SMc Curriculum/Core Focus on Ratios Rates Statistics TE	6	2014
9781938801594	SMc Curriculum/Core Focus on Introductory Algebra TE	6	2014
9781938801839	SMc Curriculum/Core Focus on Decimals/Fractions TR	6	2013
9781938801853	SMc Curriculum/Core Focus on Ratios Rates Statistics TR	6	2013
9781938801846	SMc Curriculum/Core Focus on Introductory Algebra TR	6	2013
9781938801679	SMc Curriculum/Core Focus on Math:Stage 2 Mathematics Set	7	2014
9781938801150	SMc Curriculum/Core Focus on Math:Stage 2 Mathematics Set w/1Yr OLA	7	2014
9781938801730	SMc Curriculum/Core Focus on Rational Numbers/Equations	7	2014
9781938801747	SMc Curriculum/Core Focus on Proportions/Probability	7	2014
9781938801754	SMc Curriculum/Core Focus on Shapes/Angles	7	2014
9781938801600	SMc Curriculum/Core Focus on Rational Numbers/Equations TE	7	2014
9781938801617	SMc Curriculum/Core Focus on Proportions/Probabilty TE	7	2014
9781938801624	SMc Curriculum/Core Focus on Shapes/Angles TE	7	2014
9781935033585	SMc Curriculum/Core Focus on Rational Numbers/Equations TR	7	2013
9781935033592	SMc Curriculum/Core Focus on Proportions/Probability TR	7	2013
9781935033608	SMc Curriculum/Core Focus on Shapes/Angles TR	7	2013
9781938801693	SMc Curriculum/Core Focus on Math:Stage 3 Mathematics Set	8	2014
9781938801310	SMc Curriculum/Core Focus on Math:Stage 3 Mathematics Set w/1Yr OLA	8	2014
9781938801761	SMc Curriculum/Core Focus on Linear Equations	8	2014
9781938801778	SMc Curriculum/Core Focus on Geometry	8	2014
9781938801785	SMc Curriculum/Core Focus on Functions/Data	8	2014
9781938801631	SMc Curriculum/Core Focus on Linear Equations TE	8	2014
9781938801648	SMc Curriculum/Core Focus on Geometry TE	8	2014
9781938801655	SMc Curriculum/Core Focus on Functions/Data TE	8	2014
9781935033929	SMc Curriculum/Core Focus on Linear Equations TR	8	2013
9781935033936	SMc Curriculum/Core Focus on Geometry TR	8	2013
9781935033943	SMc Curriculum/Core Focus on Functions/Data TR	8	2013

IDAHO STATE DEPARTMENT OF EDUCATION
CURRICULAR MATERIALS (TEXTBOOK) ADOPTION PROCESS
2015-2016 BRIEF FORM

Publishing Company Name: (this must match Submission/Bid Form & Sample) The Math Learning Center	**Title of Material: (this must match Submission/Bid Form & Sample)** Bridges in Mathematics K-5, second edition	**Copyright: (this must match Submission/Bid Form & Sample)** 2016 **ISBN number: (must match Submission-Bid Form & Sample)** K: 9781602625082 1: 9781602625099 2: 9781602625105 3: 9781602625112 4: 9781602625129 5: 9781602625136
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) Elementary Math	**Author(s): (this must match Submission/Bid Form & Sample)** K: Matassa, Rubini, and Fisher 1: Frykholm and Scheafer 2: Frykholm and McMahon 3: Baker, Chandler, Fisher, Harris, and Cooke 4: Baker, Chandler, Fisher, Harris, and Montague 5: Baker, Chandler, Fisher, Harris, and Montague	**Grade Level: (this must match Submission/Bid Form & Sample)** K-5
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Mathematics K-5		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	Bridges in Mathematics is a comprehensive K–5 curriculum that equips teachers to fully implement the Common Core State Standards for Mathematics in a manner that is rigorous, coherent, engaging, and accessible to all learners. The curriculum focuses on developing students' deep understandings of mathematical concepts, proficiency with key skills, and ability to solve complex and novel problems. Bridges blends direct instruction, structured investigation, and open exploration. It taps into the intelligence and strengths of all students by presenting material that is as linguistically, visually, and kinesthetically rich as it is mathematically powerful.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	Full daily curriculum requiring 80 minutes of math per day. Includes whole group, small group, and individual practice.

Best Practices in Program Design:	Bridges begins with the premise that learning is a process of sense-making that requires both collaboration and perseverance. The research base is summarized in the bibliography available at http://www.mathlearningcenter.org/bridges Influences also include the philosophies and methods promoted by Responsive Classroom (learning environment) and Math Recovery (response to intervention). The second edition was rebuilt from the ground up specifically for the Common Core state standards using the K-8 Publishers' Criteria for reference. Specific features include: Work Places – games and activities for small groups, providing opportunities for guided math and differentiation. Word Resource Cards – offering over 200 content-specific terms with definitions, and illustrations. Bridges Educator site – Web-based teacher portal for implementation support. Use is optional. Virtual manipulative apps – a collection of free apps that complement the physical manipulatives found in the curriculum. Available for iOS and web. Use is optional. See www.mathlearningcenter.org/apps

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Main Components & Ancillary Items Needed for Implementation:	Bridges classroom packages come with printed teachers guides, pre-made components for games and activities, and a manipulative kit. In addition, each purchase includes a free Bridges Educator site account. Consumable student books are available as an optional purchase. All student pages are included in the teacher's guides. In addition the full contents of the student books are available in PDF format on the Bridges Educator site.
Professional Development /Training Required?	[X] **YES** [ ] **NO**
If applicable, explain in-service training, required, number of hours and fees associated with service: Schools and districts that adopt Bridges are eligible for a two day face-to-face Getting Started workshop. (Maximum enrollment per session = 30). All workshops are subsidized and depending on the number of teachers per session fees range from $0-$3,600.	

Full disclosure for digital materials: (please complete for digital curricular materials only) The optional Bridges Educator site referenced above is compatible with computers, tablets, and phones running current operating systems and browsers. These include: Windows 7 and 8 (running Internet Explorer 9 or above), Macintosh, iPad, iPhone, and Android devices.	
Platform:	See above.
Cross Platform Functionality:	See above.
Plugins Needed: (Flash, Shockwave)	Requires Adobe Reader.
Screen Resolution:	N/A
Connectivity Speed Requirement:	N/A
Mobile Device Capability:	See above.
Licensing Model(s): (Subscription, 1 yr., etc.)	Free six year license.
Updating Process: (How often, auto updates, etc.)	Updated on an ongoing basis.
Tools & Features:	Full curriculum in PDF format including all teachers guides and student books. Hundreds of additional free resources for differentiation and extension mapped to specific units and modules. Spanish translation of all student materials. Nine volumes of topic-specific support and intervention activities.

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Publishing Company Name: (this must match Submission/Bid Form & Sample) **Walch Integrated Math**	**Title of Material: (this must match Submission/Bid Form & Sample)** **CCSS Integrated Pathway Mathematics I:** • **Teacher Resource** • **Student Workbook** • **Student Resource Book** • **ExamView Assessment Bank** • **Online SBAC-type Unit Assessments** • **WalchConnect 6 year complete subscription** • **WalchConnect 6 year complete subscription with digital student resource only**	**Copyright: (this must match Submission/Bid Form & Sample)** **Teacher Resource 2012, 2014** **Student Workbook 2014** **Student Resource Book 2012, 2014** **ExamView Assessment Bank 2015** **Online SBAC-type Unit Assessments 2015** **WalchConnect 6 year complete subscription 2015** **WalchConnect 6 year complete subscription with digital student resource only 2015** **ISBN number: (must match Submission-Bid Form & Sample)** **Teacher Resource** 978-0-8251-7090-4 **Student Workbook** 978-0-8251-7412-4 **Student Resource Book** 978-0-8251-7102-4 **ExamView Assessment Bank** 978-0-8251-7883-2 **Online SBAC-type Unit Assessments** 978-0-8251-7687-6 **WalchConnect 6 year complete subscription** 978-0-8251-7936-5 **WalchConnect 6 year complete subscription with digital student resource only** 978-0-8251-7947-1
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Walch Integrated Math**	**Grade Level: (this must match Submission/Bid Form & Sample)** **High School** **Grades 9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): Mathematics – High School		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The *CCSS Integrated Pathway: Mathematics I* program is a complete set of materials built from the ground up to align 100% to the CCSS Integrated Pathway curriculum map and support the 8 CCSS mathematical practices. This course is designed to empower teachers by equipping them with high quality, flexible resources for successfully teaching Integrated Math to all types of learners. These materials include: Standards, Essential Questions, Words to Know (with complete English/Spanish Glossary), Recommended Resources, Key Concepts, Common Errors and Misconceptions, Guided Practice, Warm-Ups, Problem-Based Tasks with optional coaching questions, Practice Sets, Pre, Progress, and Unit Assessments, PowerPoints, and Station Activities. ExamView Item Banks and online versions of resources are available. The Teacher Resources provide teachers with everything they need to teach; student workbooks offer students all the materials necessary for classroom activities; and hardcover Student Resource Books support parent involvement and provide class re-caps and additional homework problem sets.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The CCSS IP Math I course is broken into 6 units, 27 lessons and 65 sublessons. Each sublesson (key concepts, guided practice, problem based task, and practice) takes 1-3 days with additional class time used for assessments and station activities. Resources are flexible and support both a variety of instructional approaches. These range from traditional direct instruction to problem-based learning, and differentiation with additional support and challenge available as appropriate. Online versions of materials are available, including online unit assessments that mirror the item types, DOK distribution, and navigation of SBAC. Teachers use comprehensive resources including PowerPoints enhanced with video clips and interactive applets while students complete their work in student workbooks which comprise all worksheets and problems, pages for notes, formula sheets, and English-Spanish glossaries. The hardcover Student Resource book is intended as a supportive, at-home resource for review, homework, and test preparation.

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Best Practices in Program Design:	• Truly aligned content • Options for differentiation • Warm Up Problems • Words to Know • Contextualized Guided Practice with Applets • Problem Based Tasks with Optional Coaching Questions • Station Activities • Student Workbooks with Scaffolded Practice • Pre, Progress, and Unit Assessments including online versions that mirror the item types, DOK, and navigation of SBAC *See attached "Walch Education CCSS Integrated Pathway: Mathematics I, II, and III Research-Based Strategies"*

Main Components & Ancillary Items Needed for Implementation:	**Main Component** – Teacher Resources w/Power Points (includes reproducible worksheets) **Ancillary Components** - Student Workbooks save copying time/money; support student engagement Student Resource Books support parent involvement, homework, and test preparation ExamView Item Bank offers teachers the option to create additional tests and worksheets Online Unit Assessments develop familiarity with SBAC item types and navigation while assessing current course content Online versions of materials via WalchConnect offer digital options and class/student assignments, tracking and reporting.
Professional Development /Training Required?	☐ **YES** ☒
If applicable, explain in-service training, required, number of hours and fees associated with service: Implementation assistance is recommended and one day per course is provided as part of the adoption cost. This includes orientation to the program components, models for implementation, and an introduction to problem-based instruction. Additional professional development is available for $1600/day and can be tailored to meet specific needs.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Online (web browser)**
Cross Platform Functionality:	**Works on all modern web browsers on Mac, PC, iOS and Android**
Plugins Needed: (Flash, Shockwave)	**none**
Screen Resolution:	**any**
Connectivity Speed Requirement:	**none**
Mobile Device Capability:	**All materials available on iOS 5+ and Android 4+ with web browser.**
Licensing Model(s): (Subscription, 1 yr., etc.)	**Subscription pricing per student, per year**
Updating Process: (How often, auto updates, etc.)	**Major updates to platform once or twice a year. Maintenance updates as often as needed. Updates are performed on weekends or nights unless absolutely necessary.**
Tools & Features:	• **Online SBAC-style Assessments** • **Enhanced, digitally assignable online versions of printed materials including links to supplemental online resources such as IXL links, videos, and interactive Geogebra applets** • **Each sub-lesson contains an Enhanced Warm-Up slideshow with video and an Enhanced Instruction slideshow with embedded Geogebra applets**

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Publishing Company Name: (this must match Submission/Bid Form & Sample) **Walch Integrated Math**	**Title of Material: (this must match Submission/Bid Form & Sample)** **CCSS Integrated Pathway Mathematics II:** • **Teacher Resource** • **Student Workbook** • **Student Resource Book** • **ExamView Assessment Bank** • **Online SBAC-type Unit Assessments** • **WalchConnect 6 year complete subscription** • **WalchConnect 6 year complete subscription with digital student resource only**	**Copyright: (this must match Submission/Bid Form & Sample)** **Teacher Resource 2012, 2014** **Student Workbook 2014** **Student Resource Book 2012, 2014** **ExamView Assessment Bank 2015** **Online SBAC-type Unit Assessments 2015** **WalchConnect 6 year complete subscription 2015** **WalchConnect 6 year complete subscription with digital student resource only 2015** **ISBN number: (must match Submission-Bid Form & Sample)** **Teacher Resource** 978-0-8251-7413-1 **Student Workbook** 978-0-8251-7415-5 **Student Resource Book** 978-0-8251-7168-0 **ExamView Assessment Bank** 978-0-8251-7904-4 **Online SBAC-type Unit Assessments** 978-0-8251-7688-3 **WalchConnect 6 year complete subscription** 978-0-8251-7938-9 **WalchConnect 6 year complete subscription with digital student resource only** 978-0-8251-7948-8
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Walch Integrated Math**	**Grade Level: (this must match Submission/Bid Form & Sample)** **High School** **Grades 9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – High School**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The *CCSS Integrated Pathway: Mathematics II* program is a complete set of materials built from the ground up to align 100% to the CCSS Integrated Pathway curriculum map and support the 8 CCSS mathematical practices. This course is designed to empower teachers by equipping them with high quality, flexible resources for successfully teaching Integrated Math to all types of learners. These materials include: Standards, Essential Questions, Words to Know (with complete English/Spanish Glossary), Recommended Resources, Key Concepts, Common Errors and Misconceptions, Guided Practice, Warm-Ups, Problem-Based Tasks with optional coaching questions, Practice Sets, Pre, Progress, and Unit Assessments, PowerPoints, and Station Activities. ExamView Item Banks and online versions of resources are available. The Teacher Resources provide teachers with everything they need to teach; student workbooks offer students all the materials necessary for classroom activities; and hard cover Student Resource Books support parent involvement and provide class re-caps and additional homework problem sets.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The CCSS IP Math II course is broken into 6 units, 37 lessons and 88 sublessons. Each sublesson (key concepts, guided practice, problem based task, and practice) takes 1-3 days with additional class time used for assessments and station activities. Resources are flexible and support both a variety of instructional approaches. These range from traditional direct instruction to problem-based learning, and differentiation with additional support and challenge available as appropriate. Online versions of materials are available, including online unit assessments that mirror the item types, DOK distribution, and navigation of SBAC. Teachers use comprehensive resources including PowerPoints enhanced with video clips and interactive applets while students complete their work in student workbooks which comprise all worksheets and problems, pages for notes, formula sheets, and English-Spanish glossaries. The hardcover Student Resource book is intended as a supportive, at-home resource for review, homework, and test preparation.

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Best Practices in Program Design:	• Truly aligned content • Options for differentiation • Warm Up Problems • Words to Know • Contextualized Guided Practice with Applets • Problem Based Tasks with Optional Coaching Questions • Station Activities • Student Workbooks with Scaffolded Practice • Pre. Progress and unit assessments, including online versions that mirror the item types, DOK, and navigation of SBAC *See attached "Walch Education CCSS Integrated Pathway: Mathematics I, II, and III Research-Based Strategies"*

Main Components & Ancillary Items Needed for Implementation:	**Main Component** – Teacher Resources w/Power Points (includes reproducible worksheets) **Ancillary Components** - Student Workbooks save copying time/money; support student engagement Student Resource Books support parent involvement, homework, and test preparation ExamView Item Bank offers teachers the option to create additional tests and worksheets Online Unit Assessments develop familiarity with SBAC item types and navigation while assessing current course content Online versions of materials via WalchConnect offer digital options.
Professional Development /Training Required?	☐ **YES** ☒ X
If applicable, explain in-service training, required, number of hours and fees associated with service: Implementation assistance is recommended and one day per course is provided as part of the adoption cost. This includes orientation to the program components, models for implementation, and an introduction to problem-based instruction. Additional professional development is available for $1600/day and can be tailored to meet specific needs.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Online (web browser)**
Cross Platform Functionality:	**Works on all modern web browsers on Mac, PC, iOS and Android**
Plugins Needed: (Flash, Shockwave)	**none**
Screen Resolution:	**any**
Connectivity Speed Requirement:	**none**
Mobile Device Capability:	**All materials available on iOS 5+ and Android 4+ with web browser.**
Licensing Model(s): (Subscription, 1 yr., etc.)	**Subscription pricing per student, per year**
Updating Process: (How often, auto updates, etc.)	**Major updates to platform once or twice a year. Maintenance updates as often as needed. Updates are performed on weekends or nights unless absolutely necessary.**
Tools & Features:	• **Online SBAC-style Assessments** • **Enhanced, digitally assignable online versions of printed materials including links to supplemental online resources such as IXL links, videos, and interactive Geogebra applets** • **Each sub-lesson contains an Enhanced Warm-Up slideshow with video and an Enhanced Instruction slideshow with embedded Geogebra applets**

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Publishing Company Name: (this must match Submission/Bid Form & Sample) **Walch Integrated Math**	**Title of Material: (this must match Submission/Bid Form & Sample)** **CCSS Integrated Pathway Mathematics III:** • **Teacher Resource** • **Student Workbook** • **Student Resource Book** • **ExamView Assessment Bank** • **Online SBAC-type Unit Assessments** • **WalchConnect 6 year complete subscription** • **WalchConnect 6 year complete subscription with digital student resource only**	**Copyright: (this must match Submission/Bid Form & Sample)** **Teacher Resource 2012, 2014** **Student Workbook 2014** **Student Resource Book 2012, 2014** **ExamView Assessment Bank 2015** **Online SBAC-type Unit Assessments 2015** **WalchConnect 6 year complete subscription 2015** **WalchConnect 6 year complete subscription with digital student resource only 2015** **ISBN number: (must match Submission-Bid Form & Sample)** **Teacher Resource** 978-0-8251-7196-3 **Student Workbook** 978-0-8251-7456-8 **Student Resource Book** 978-0-8251-7455-1 **ExamView Assessment Bank** 978-0-8251-7907-5 **Online SBAC-type Unit Assessments** 978-0-8251-7689-0 **WalchConnect 6 year complete subscription** 978-0-8251-7940-2 **WalchConnect 6 year complete subscription with digital student resource only** 978-0-8251-7949-5
Subject Area: (this must match subject/Content areas identified in Call for Submission Letter and Submission/Bid Form & Sample) **Mathematics**	**Author(s): (this must match Submission/Bid Form & Sample)** **Walch Integrated Math**	**Grade Level: (this must match Submission/Bid Form & Sample)** **High School** **Grades 9-12**
Identify bank of Idaho Content Standards and Common Core State Standards that the material correlates to (e.g., Mathematics– Grade 5): **Mathematics – High School**		

Key Features: (This information will be used to describe the material in the Idaho Adoption Guide. Please be concise.)	The *CCSS Integrated Pathway: Mathematics III* program is a complete set of materials built from the ground up to align 100% to the CCSS Integrated Pathway curriculum map and support the 8 CCSS mathematical practices. This course is designed to empower teachers by equipping them with high quality, flexible resources for successfully teaching Integrated Math to all types of learners. These materials include: Standards, Essential Questions, Words to Know (with complete English/Spanish Glossary), Recommended Resources, Key Concepts, Common Errors and Misconceptions, Guided Practice, Warm-Ups, Problem-Based Tasks with optional coaching questions, Practice Sets, Pre, Progress, and Unit Assessments, PowerPoints, and Station Activities. ExamView Item Banks and online versions of resources are available. The Teacher Resources provide teachers with everything they need to teach; student workbooks offer students all the materials necessary for classroom activities; and hardcover Student Resource Books support parent involvement and provide class re-caps and additional homework problem sets.

Intended Use: (spiral, scripted, reform, daily, weekly, themes, units, whole group, small group, centers based, software inclusion, etc)	The CCSS IP Math II course is broken into 6 units, 25 lessons and 71 sublessons. Each sublesson (key concepts, guided practice, problem based task, and practice) takes 1-3 days with additional class time used for assessments and station activities. Resources are flexible and support both a variety of instructional approaches – that range from traditional direct instruction to problem-based learning, and differentiation with additional support and challenge available as appropriate. Online versions of materials are available, including online unit assessments that mirror the item types, DOK distribution, and navigation of SBAC. Teachers use comprehensive resources including PowerPoints enhanced with video clips and interactive applets while students complete their work in student workbooks which comprise all worksheets and problems, pages for notes, formula sheets, and English-Spanish glossaries. The hardcover Student Resource book is intended as a supportive, at-home resource for review, homework, and test preparation.

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Best Practices in Program Design:	• Truly aligned content • Options for differentiation • Warm Up Problems • Words to Know • Contextualized Guided Practice with Applets • Problem Based Tasks with Optional Coaching Questions • Station Activities • Student Workbooks with Scaffolded Practice • Pre, Progress, and Unit assessments including online versions that mirror SBAC item types, DOK, and navigation. *See attached "Walch Education CCSS Integrated Pathway: Mathematics I, II, and III Research-Based Strategies"*

Main Components & Ancillary Items Needed for Implementation:	**Main Component** – Teacher Resources w/Power Points (includes reproducible worksheets) **Ancillary Components** - Student Workbooks save copying time/money; support student engagement Student Resource Books support parent involvement, homework, and test preparation ExamView Item Bank offers teachers the option to create additional tests and worksheets Online Unit Assessments develop familiarity with SBAC item types and navigation while assessing current course content Online versions of materials via WalchConnect offer digital options and class/student assignments, tracking, and reporting.
Professional Development /Training Required?	☐ **YES** ☒ X
If applicable, explain in-service training, required, number of hours and fees associated with service: Implementation assistance is recommended and one day per course is provided as part of the adoption cost. This includes orientation to the program components, models for implementation, and an introduction to problem-based instruction. Additional professional development is available for $1600/day and can be tailored to meet specific needs.	

Full disclosure for digital materials: (please complete for digital curricular materials only)	
Platform:	**Online (web browser)**
Cross Platform Functionality:	**Works on all modern web browsers on Mac, PC, iOS and Android**
Plugins Needed: (Flash, Shockwave)	**none**
Screen Resolution:	**any**
Connectivity Speed Requirement:	**none**
Mobile Device Capability:	**All materials available on iOS 5+ and Android 4+ with web browser.**
Licensing Model(s): (Subscription, 1 yr., etc.)	**Subscription pricing per student, per year**
Updating Process: (How often, auto updates, etc.)	**Major updates to platform once or twice a year. Maintenance updates as often as needed. Updates are performed on weekends or nights unless absolutely necessary.**
Tools & Features:	• **Online SBAC-style Assessments** • **Enhanced, digitally assignable online versions of printed materials including links to supplemental online resources such as IXL links, videos, and interactive Geogebra applets** • **Each sub-lesson contains an Enhanced Warm-Up slideshow with video and an Enhanced Instruction slideshow with embedded Geogebra applets**