Core Mathematics
Adoption Guide Extended

For additional information (e.g. pricing, copyright, ISBN) and Idaho completed evaluations, please contact the curricular materials coordinator.

Materials in this guide are contracted from August 2016-December 31, 2021.

6-8 CORE MATHEMATICS

Big Ideas Learning

Big Ideas Math Green: A Common Core Curriculum

- **Grade 6**
  - **Notes:**
    - Lots of resources for students, teacher, and parents
    - Laurie’s notes are a great resource for teachers
    - Progression is great across all grades
    - Different paths for regular and accelerated
  - **Key Features:**
    - 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

Big Ideas Math Red: A Common Core Curriculum

- **Grade 7**
  - **Notes:**
    - Lots of resources for students, teacher, and parents
- Laurie’s notes are a great resource for teachers
- Progression is great across all grades
- Different paths for regular and accelerated

- **Key Features:**
  - What You Learned Before
  - Essential Questions
  - What Is Your Answer?
  - Meaning of the Word
  - Key Vocabulary
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  - Cartoons
  - Standards Assessment
  - Laurie’s Notes in the Teaching Edition

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**Big Ideas Math Blue: A Common Core Curriculum**

- **Grade 8**
  - **Strengths:**
    - This book is much “smaller” in comparison to many other text books. This is due to the coherence to the CCSS with basic review instead of comprehensive review of previous grades. The teacher’s edition is an invaluable resource that gives multiple lesson strategies, presentations of learning, and motivational strategies. The curriculum is CCSS aligned with strict obedience to the mathematical practices and grade level vocabulary. Hardback student text will hold up better than other books.
  
  - **Key Features:**
    - What You Learned Before
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    - Meaning of the Word
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    - 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
Big Ideas Math Red Accelerated: A Common Core Curriculum

• Grade 7
  o Strengths:
    ▪ Lots of resources for students, teacher, and parents
    ▪ Laurie’s notes are a great resource for teachers
    ▪ Progression is great across all grades
    ▪ Different paths for regular and accelerated
  o Weaknesses:
    ▪ ELL suggestions don’t include writing prompts or realia.
    ▪ Laurie’s notes there are times where one specific method is said to be the only way to solve a problem (pg. T-100) when in fact, mathematically there are multiple ways one can arrive at the correct answer.
  o Key Features:
    ▪ What You Learned Before
    ▪ Essential Questions
    ▪ What Is Your Answer?
    ▪ Meaning of the Word
    ▪ Key Vocabulary
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    ▪ Error Analysis
    ▪ Taking Math Deeper
    ▪ Fair Game Review
    ▪ Study Help – Graphic Organizers
    ▪ Cartoons
    ▪ Standards Assessment
    ▪ Laurie’s Notes in the Teaching Edition

Big Ideas Math Algebra 1: A Common Core Curriculum

• Grade 8
  o Strengths:
    ▪ This book is “smaller” in comparison to other math text books. This is due to the coherence to the CCSS with basic review instead of comprehensive review throughout the text.
    ▪ Many resources to help support the teacher and also the students learning at different ability levels.
    ▪ Hardback text which would hold up to multiple year use.
    ▪ The curriculum is CCSS aligned with strict adherence to the mathematical practices and grade level vocabulary.
    ▪ This book follows the accelerated Traditional Pathway found in Appendix A of the Mathematics CCSS. The standards covered in this book align directly with the Overview of the Accelerated Traditional Pathway for the CCSS found on pages 82-91 of Appendix A. Every standard is covered.
  o Weaknesses:
    ▪ The visual design is a little elementary. Otherwise, a very well-designed textbook
Key Features:
- What You Learned Before
- Essential Questions
- What Is Your Answer?
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- Key Vocabulary
- Key Ideas
- Now You’re Ready
- On Your Own
- Check It Out
- Vocabulary and Concept Check
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- Cartoons
- Standards Assessment
- Laurie’s Notes in the Teaching Edition

Big Ideas Math Advanced 1: A Common Core Curriculum
- Grade 6
  - Notes:
    - Lots of resources for students, teacher, and parents
    - Laurie’s notes are a great resource for teachers
    - Progression is great across all grades
    - Different paths for regular and accelerated
  - Key Features:
    - What You Learned Before
    - Essential Questions
    - What Is Your Answer?
    - Meaning of the Word
    - Key Vocabulary
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    - Error Analysis
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    - Fair Game Review
    - Study Help – Graphic Organizers
    - Cartoons
    - Standards Assessment
    - Laurie’s Notes in the Teaching Edition

Big Ideas Math Advanced 2: A Common Core Curriculum
- Grade 7
  - Notes:
Overall the material aims to meet the needs of all learners. There are many attempts at building conceptual understanding that work and some that ultimately end up being procedural in nature. There are plenty of support materials and suggestions for teachers. The student’s Record and Practice Journal is a great tool for recording work on the group/partner activities utilized throughout the materials. There are a variety of assessment materials to choose from and including alternative assessments. Each of the assessment items includes either an item analysis or a scoring rubric (alternative assessment only). There are plenty of online resources for students to access and a Skills Review and Basic Skills Handbook. This does not however, indicate grade level or content standard aligned to the skills. The pacing allows adequate time for students to work through the concepts including many group and partner tasks. Visually, the book is busy and seems jam-packed. Teachers will need to be selective in what they choose to ask students to work on. Teachers will need to push students to higher levels of instruction on mathematical practice standards. This is an area of weakness of this text. The standards are present and addressed, but are not pushing students to think critically or apply their own strategies and models to solve.

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  - Standards Assessment
  - Laurie’s Notes in the Teaching Edition

**Big Ideas Learning Substitution**

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    - Laurie’s notes are a great resource for teachers
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  - **Key Features:**
    - What You Learned Before
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- Standards Assessment
- Laurie’s Notes in the Teaching Edition

Big Ideas Math Red: A Common Core Curriculum

- Grade 7
  - Notes:
    - Lots of resources for students, teacher, and parents
    - Laurie’s notes are a great resource for teachers
    - Progression is great across all grades
    - Different paths for regular and accelerated
  - Key Features:
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- Standards Assessment
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Big Ideas Math Red Accelerated: A Common Core Curriculum

Grade 7

Strengths:
- Lots of resources for students, teacher, and parents
- Laurie’s notes are a great resource for teachers
- Progression is great across all grades
- Different paths for regular and accelerated.

Weaknesses:
- ELL suggestions don't include writing prompts or realia.
- Laurie’s notes there are times where one specific method is said to be the only way to solve a problem (pg. T-100) when in fact, mathematically there are multiple ways one can arrive at the correct answer.

Key Features:
- 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
Big Ideas Math Advanced 1: A Common Core Curriculum

- **Grade 6**
  - **Notes:**
    - Lots of resources for students, teacher, and parents
    - Laurie’s notes are a great resource for teachers
    - Progression is great across all grades
    - Different paths for regular and accelerated
  - **Key Features:**
    - 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

Big Ideas Math Advanced 2: A Common Core Curriculum

- **Grade 7**
  - **Notes:**
    - Overall the material aims to meet the needs of all learners. There are many attempts at building conceptual understanding that work and some that ultimately end up being procedural in nature. There are plenty of support materials and suggestions for teachers. The student’s Record and Practice Journal is a great tool for recording work on the group/partner activities utilized throughout the materials. There are a variety of assessment materials to choose from and including alternative assessments. Each of the assessment items includes either an item analysis or a scoring rubric (alternative assessment only). There are plenty of online resources for students to access and a Skills Review and Basic Skills Handbook. This does not however, indicate grade level or content standard aligned to the skills. The pacing allows adequate time for students to work through the concepts including many group and partner tasks. Visually, the book is busy and seems jam-packed. Teachers will need to be selective in what they choose to ask students to work on. Teachers will need to push students to higher levels of instruction on mathematical practice standards. This is an area of weakness of this text. The standards are present and addressed, but are not pushing students to think critically or apply their own strategies and models to solve.
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Curriculum Associates

Ready® Common Core Mathematics

- Grade 6
  - **Strengths:**
    - Fully aligned to standards, conceptual understanding attended to throughout, teacher and student friendly, vertical alignment charts, helps for differentiation
    - The curriculum has easy navigation, teacher and student engagement, as well as a purposeful focus on the mathematics
  - **Key Features:** 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-focus 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.
Ready® Common Core Mathematics

Grade 7

Strengths:
- The overall strength of these materials is the commitment to encouraging the kind of thinking and work that is different in the CCSS. Getting away from an emphasis on rote procedures and instead placing more emphasis on conceptual understanding by asking students to think and respond to thoughtful questions and posing questions without obvious answers. The hands-on activities are easy to implement as they often use common classroom supplies like paper or cutting paper.

Weaknesses:
- A weakness is that the material sometimes does not provide enough of the skill-based practice, that procedural fluency piece; it is there, just not as balanced it seems. Materials are in a consumable workbook format which may be a significant cost. The series also states that Professional Development is a requirement (at a cost).

Key Features:
- 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).

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- 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.

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**Ready® Common Core Mathematics**

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like paper or cutting paper. New teachers would find this to be a good resource. The i-Ready and teacher toolbox are useful online components. The Diagnostic test would be very useful to assess student grade level.

- **Weaknesses:**
  - The consumable workbook format may be costly. The materials state that Professional Development is a requirement (at a cost). The material sometimes does not provide enough of the skill based practice (procedural fluency piece); it is there, just not as balanced.

- **Key Features:** 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:**
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• 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.

Curriculum Associates Substitution

Ready® Common Core Mathematics

• Grade 6
  o Strengths:
    ▪ Fully aligned to standards, conceptual understanding attended to throughout, teacher and student friendly, vertical alignment charts, helps for differentiation
    ▪ The curriculum has easy navigation, teacher and student engagement, as well as a purposeful focus on the mathematics
  
  o Key Features: 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.

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Ready® Common Core Mathematics

Grade 7

Strengths:
- The overall strength of these materials is the commitment to encouraging the kind of thinking and work that is different in the CCSS. Getting away from an emphasis on rote procedures and instead placing more emphasis on conceptual understanding by asking students to think and respond to thoughtful questions and posing questions without obvious answers. The hands-on activities are easy to implement as they often use common classroom supplies like paper or cutting paper.

Weaknesses:
- A weakness is that the material sometimes does not provide enough of the skill-based practice, that procedural fluency piece; it is there, just not as balanced it seems. Materials are in a consumable workbook format which may be a significant cost. The series also states that Professional Development is a requirement (at a cost).

Key Features: 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.

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- 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.

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- 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).

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• 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.

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Ready® Common Core Mathematics

• Grade 8

  • Strengths:
    - These materials commit to encouraging the kind of thinking and work that is different in the Common Core standards. Getting away from an emphasis on rote procedure and instead placing more emphasis on conceptual understanding by asking students to think and respond to thoughtful questions and posing questions without obvious answers. The hands-on activities are easy to implement as they often use common classroom supplies like paper or cutting paper. New teachers would find this to be a good resource. The i-Ready and teacher toolbox are useful online components. The Diagnostic test would be very useful to assess student grade level.

  • Weaknesses:
    - The consumable workbook format may be costly. The materials state that Professional Development is a requirement (at a cost). The material sometimes does not provide enough of the skill-based practice (procedural fluency piece); it is there, just not as balanced.

  • Key Features: 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:
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**Great Minds**

**Eureka Math – A Story of Ratios**

- **Grade 6**
  - **Notes:**
    - The curriculum is very rigorous. It would be best to adopt K-6 so students have the foundation they need to be successful in subsequent grades.
  - **Key Features:** 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.

- **Grade 7**
  - **Strengths:**
    - Curriculum flows and is easy to follow
    - Discussion opportunities are engaging to students and promote student participation
    - Standards are thoroughly addressed throughout the curriculum
    - Student exercises reinforce conceptual understanding
    - Great conceptual knowledge activities
    - Deep knowledge and understanding
    - Students will get a deep understanding of mathematics
  - **Weaknesses:**
    - There are minimal ELL supports
    - The text is not visually engaging
    - Sometimes the skills practice is too intense
  - **Key Features:** 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.
Eureka Math – A Story of Ratios

- **Grade 8**
  - **Strengths:**
    - Curriculum flows and is easy to follow
    - Discussion opportunities are engaging to students and promote student participation
    - Standards are thoroughly addressed throughout the curriculum
    - Student exercises reinforce conceptual understanding
  - **Weaknesses:**
    - There are minimal ELL supports
    - The text is not visually engaging
    - Sometimes the skills practice is too intense
  - **Key Features:** 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.

McGraw-Hill School Education

Glencoe Math Course 1

- **Grade 6**
  - **Notes:**
    - This is a comprehensive program with many ancillary products. Consumable text needs more work space for student problem-solving.
  - **Key Features:**
    - 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.

Glencoe Math Course 2

- **Grade 7**
  - **Strengths:**
    - CCSS & MP clearly evident
    - Many teaching strategies
    - Many problem types
    - Many assessment resources
    - Differentiation
  - **Weaknesses:**
    - Teacher Edition-pages very flimsy & tear out easily
    - Student Edition- workbook format so pages are perforated & tear out easily
    - Excessive amount of lessons in supporting clusters
Key Features:

- 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.

Glencoe Math Course 3

- Grade 8
  - Strengths:
    - Very good vocabulary and does a great job of using and teaching the mathematical practices
    - Is common core aligned and the countdown to SBAC is a very nice resource
    - The performance tasks are a very good resource to help the students represent the material in different ways
    - The teacher’s manual helps facilitate a mix of instructional approaches
  - Weaknesses:
    - Many times 7th grade standards over shadow the 8th grade standards. This happens in Chapter 5 with lessons 4-6 focusing on standard deviation (which should not even be introduced yet). Also Chapter 8 is half volume and half surface area. Surface area is not a 7th grade CCSS.
    - The consumable workbook format may be costly
    - The materials state that Professional Development is a requirement (at a cost). But after reviewing the material we don’t think it would be necessary.

Key Features:

- 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.

Glencoe Math Accelerated

- Grade 7
  - Strengths:
    - Teacher resources
    - Differentiated instruction
    - Visually appealing
    - Interactive Student Guide is an excellent resource as well for scaffolding student learning
  - Weaknesses:
    - Paper quality of the teacher’s edition (pages tear easily)
Perforation of student guide is not best because the students keep the journal (guide) throughout as a resource

Distances need to be aware that the Interactive Student Guides are consumable and need to be replaced yearly, however they are necessary.

- **Key Features:**
  - 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.

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**Pearson Prentice Hall**

**Pearson Digits**

- **Grade 6**
  - **Notes:**
    - Primarily and internet-based online instruction
  - **Strengths:**
    - Highly engaging
    - Technology integration
    - Differentiation
    - Access to ELL support
  - **Weaknesses:**
    - No explicit instruction for group/peer work
    - Hard copies of HW available for students without online access.
  - **Key Features:** *digits* is based on critical foundational research to achieve the following key features:
    - **Simplify for the Teacher:** 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.
    - **Optimize Effective Time on Task:** 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.
    - **Personalize for the Student:** 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.
    - **Trusted Authorship:** 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.
Pearson Digits

- Grade 7

  o Notes:

    ▪ This is an online curriculum. A computer and projector are needed/essential. Student online access is not required, but is very vital in utilizing the curriculum to its fullest potential. Strengths: Very engaging curriculum for middle school age because it is an online based curriculum containing animations, interactive tools, and videos. Differentiation is made easy with online tools and testing.

  o Key Features: digits is based on critical foundational research to achieve the following key features:

    ▪ Simplify for the Teacher: 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.

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    ▪ Trusted Authorship: 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.

Pearson Digits, Accelerated

- Grade 7

  o Strengths:

    ▪ The major works of both 7th and 8th grade are the entire focus and framework of the accelerated text.

    ▪ Students have an interactive way of engaging in the standards that could work very well for visual learners. The strong visual design of the program supports those types of learners.

    ▪ The program has multiple digital manipulatives for students to use.

  o Weaknesses:

    ▪ If the Ebook isn’t available, the teacher’s manual isn’t enough to be successful with the program. All assessments, objectives for the lesson, and overview of the lesson are on Ebook only.

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    ▪ Simplify for the Teacher: 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.

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Readiness assessments and auto-scored homework immediately identify students’ understanding of content so teachers can focus on individual learners’ needs during class.

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- **Trusted Authorship:** 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.

**Pearson Digits**

- **Grade 8**
  - **Strengths:**
    - *Digits* is an online program for 8th grade math. The program includes the CCSSM Standards for 8th grade mathematics and includes work on the domains and clusters for the major work of the grade. The online work is engaging and interactive and includes opportunities for students to progress in their learning. The teacher’s online guide provides information for differentiation, ELL learners and middle to low level learners.
  
  - **Weakness:**
    - The *digits* program is designed to be an online learning program; students need to have computer access to be successful in the program. The program has few connections between domains, the clusters have a few connections, so is missing key connections between domains. *Digits* is to be an online program so could be frustrating for students that have low computer skills.

  - **Key Features:** *digits* is based on critical foundational research to achieve the following key features:
    - **Simplify for the Teacher:** 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.
    - **Optimize Effective Time on Task:** 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.
    - **Personalize for the Student:** 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.
    - **Trusted Authorship:** 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.

**Pearson Connected Mathematics 3**

- **Grade 6**
  - **Strengths:**
    - High level of engagement for students
    - Tests focus on open ended questions leading to higher conceptual understanding
    - ACE problems provide a variety of opportunities to meet the needs of diverse students
ELL supports throughout (Spanish versions available)
Very teacher friendly: written in a way to guide teachers through teaching process
Activity based and discovery learning
Good vertical alignment connections across mathematical domains
A high degree of cultural diversity in the images, names, and mathematical situations presented in the materials
Different levels of student ability are addressed and considered to ensure access for all
The materials include extensive background in ensuring success with implementation including building and strengthening teacher's mathematical background, physical classroom set up, classroom culture, and even how to work with substitutes (guest teachers)

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.

Pearson Connected Mathematics 3

Grade 7

Strengths:
- High level of engagement for students
- Tests focus on open ended questions leading to higher conceptual understanding
- ACE problems provide a variety of opportunities to meet the needs of diverse students
- ELL supports throughout (Spanish versions available)
- Very teacher friendly: written in a way to guide teachers through teaching process
- Activity based and discovery learning
- Good vertical alignment connections across mathematical domains
- Great conceptual learning opportunities

Weaknesses:
- Will be a challenging curriculum, but will be worth it.

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.
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Pearson Connected Mathematics 3

- Grade 8
  - **Strengths:**
    - Teacher resources provide ideas and teaching examples to integrate math practices into lessons. The lessons for the students provide a wide degree of difficulty and expect all students to master clusters in standards.
    - Gifted students are challenged with advanced thinking problems. Visually pleasing pages in books provide the right amount of text per page.
  - **Weaknesses:**
    - Initial problems may be such that they can cause exacerbation with the students and cause them to quit before ideas and concepts are presented.
  - **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.

Pearson Connected Mathematics 3, Algebra 1

- Grade 8
  - **Notes:**
    - This curriculum meets Appendix A 8th grade accelerated pathway requirements. It meets all high school algebra standards except A-APR. C.4, A-APR.D.6, and A-REI.A.2
  - **Strengths:**
    - Investigations of real world problems
    - Cooperative learning/activity based
Teacher resources
Engaging
Differentiation embedded throughout

Weaknesses:
Curriculum materials may seem a little overwhelming at first, but once there is an understanding of how it is set up, it flows smoothly.

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.

SMc Curriculum, LLC

SMc Curriculum/Core Focus on Math, Stage 1

Grade 6

Notes:
Very clearly aligned to the CCSS and Mathematical Practices
Multiple resources to practice major works
Much of teaching strategies and practices are left to teacher’s expertise
Tiered worksheets for student learning/practice support

Key Features:
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.
SMc Curriculum/Core Focus on Math, Stage 2

- **Grade 7**
  - **Notes:**
    - Overall, this program has strengths in connecting to CCSS and practice standards using an easy to follow format. Instructionally, it lacks opportunities for student to persevere through problems and reason abstractly due to the step-by-step nature of the text’s instruction.
  - **Key Features:**
    - **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.

SMc Curriculum/Core Focus on Math, Stage 3

- **Grade 8**
  - **Specific areas of Strength:**
    - The amazing amount of material that the teacher has available at their disposal would be very valuable to the student
    - The organization for the teacher allows them to design a pace that fits into the calendar for the teacher
  - **Weaknesses:**
    - The material may overwhelm a teacher
    - If the teacher had two years to use this material, he/she could design a program to address all students and standards
  - **Key Features:**
    - **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.
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