

**2010 IDAHO CONTENT
STANDARDS K-12
INFORMATION AND COMMUNICATION TECHNOLOGY**

Standard 1: Creativity and Innovation

Goals:	K-2	3-5	6-8	9-12
Goal 1.1: Demonstrate creative thinking, construct knowledge, and use information and communication technologies to develop innovative products and processes.	K-2. ICT.1.1.1 Use multiple forms of knowledge to create products.	3-5. ICT.1.1.1 Demonstrate different ways to gain knowledge to create products.	6-8. ICT.1.1.1 Apply existing knowledge to generate new ideas, products, or processes.	9-12. ICT.1.1.1 Evaluate and interpret existing knowledge to generate new ideas, products, or processes.
	K-2. ICT.1.1.2 Create original works as a means of personal or group expression.	3-5. ICT.1.1.2 Create original works as a means of personal or group expression incorporating teacher-selected resources.	6-8. ICT.1.1.2 Create original works as a means of personal or group expression using student-selected resources.	9-12. ICT.1.1.2 Create original works as a means of personal or group expression using multiple resources and formats.
	K-2. ICT.1.1.3 Use models and games to introduce systems.	3-5. ICT.1.1.3 Interpret models and simulations to explore systems and issues.	6-8. ICT.1.1.3 Build models and simulations to explore systems, issues and trends.	9-12. ICT.1.1.3 Create models and simulations to explore complex systems and issues, identify trends and forecast possibilities.

Standard 2: Communication and Collaboration

Goals:	K-2	3-5	6-8	9-12
Goal 2.1: Use digital media and environments to communicate and work collaboratively, to support individual learning, and to contribute to the learning of others.	K-2. ICT.2.1.1 Identify and use digital media and environments to share ideas.	3-5. ICT.2.1.1 Illustrate and present ideas using digital media and environments.	6-8. ICT.2.1.1 Inquire, interact, and communicate ideas, employing a variety of digital media and environments.	9-12. ICT.2.1.1 Inquire, interact and publish with peers, experts, or others employing a variety of digital media and environments.
	K-2. ICT.2.1.2 Identify issues in a group setting using digital tools.	3-5. ICT.2.1.2 Select an issue and use digital tools and media to present solutions collaboratively.	6-8. ICT.2.1.2 Collaborate with others using digital tools and media to identify and research an issue, compare solutions, and make a decision.	9-12. ICT.2.1.2 Collaborate with others using digital tools and media to identify issues and exchange ideas, develop new understandings, make decisions and/or solve problems.

Standard 3: Research Skills and Critical Thinking

Goals	K-2	3-5	6-8	9-12
Goal 3.1: Exercise critical thinking to plan and conduct research using a variety of information resources including print, digital and other sources	K-2. ICT.3.1.1 Identify information needs and questions to solve an information problem or make an informed decision.	3-5. ICT.3.1.1 Categorize and understand information needs and create research questions to solve an information problem or make an informed decision.	6-8. ICT.3.1.1 Organize and analyze information needs to formulate research questions to solve an information problem or make an informed decision.	9-12. ICT.3.1.1 Design research questions and strategies based on information needs to solve an information problem or make an informed decision.
	K-2. ICT.3.1.2 Identify information resources for specific tasks.	3-5. ICT.3.1.2 Select information resources to solve an information problem or make an informed decision.	6-8. ICT.3.1.2 Compare and select information resources to solve an information problem or make an informed decision.	9-12. ICT. 3.1.2 Evaluate and select a variety of resources to solve an information problem or make an informed decision.
	K-2. ICT.3.1.3 Identify navigation skills in accessing resources such as table of contents, index, menu, and search fields.	3-5. ICT.3.1.3 Demonstrate navigation skills in accessing information resources.	6-8. ICT.3.1.3 Demonstrate navigation skills in accessing a variety of information resources and begin using advanced search skills.	9-12. ICT.3.1.3 Formulate specific searches using advanced navigation skills to access a variety of resources.
	K-2. ICT.3.1.4 Collect and analyze data and information to make decisions and draw conclusions.	3-5 ICT.3.1.4 Collect and analyze data and information to make decisions, draw conclusions, and create new understanding.	6-8. ICT.3.1.4 Collect, analyze and organize data and information to make decisions, draw conclusions, and create new understanding.	9-12. ICT.3.1.4 Collect, analyze, organize, and interpret data and information to make informed decisions, draw conclusions, and construct new understanding and knowledge.

Standard 4: Digital Citizenship

Goals:	K-2	3-5	6-8	9-12
<p>Goal 4.1: Understand human, cultural, and societal issues related to information and communication technologies and practice legal and ethical behavior.</p>	<p>K-2.ICT.4.1.1 Identify safe and responsible use of information and technology such as careful disclosure of personal information.</p>	<p>3-5.ICT.4.1.1 Describe safe, ethical, and responsible practices in the use of information and technology.</p>	<p>6-8.ICT.4.1.1 Practice safe, ethical, legal, and responsible use of information and technology.</p>	<p>9-12.ICT.4.1.1 Practice and explain importance of safe, ethical, legal, and responsible use of information and technology.</p>
	<p>K-2.ICT.4.1.2 Identify the source of information.</p>	<p>3-5.ICT.4.1.2 Identify and cite information and sources in an ethical and responsible manner.</p>	<p>6-8.ICT.4.1.2 Use and cite all information and sources in an ethical and responsible manner.</p>	<p>9-12.ICT.4.1.2 Practice and explain the importance of citing information sources.</p>

Standard 5: Technology Operations & Concepts

Goals:	K-2	3-5	6-8	9-12
Goal 5.1: Demonstrate a sound understanding of technology concepts, systems, and operations.	K-2.ICT.5.1.1 Identify and use technology tools including hardware and electronic devices.	3-5. ICT. 5.1.1 Identify and use technology tools independently such as electronic devices and keyboards.	6-8. ICT.5.1.1 Differentiate, use and integrate technology tools.	9-12. ICT.5.1.1 Evaluate, configure, and implement various technologies.
	K-2.ICT.5.1.2 Identify and use software applications with assistance.	3-5. ICT.5.1.2 Identify and use software applications independently.	6-8. ICT.5.1.2 Select and use software applications.	9-12. ICT.5.1.2 Select, use and integrate various software applications.
	K-2.ICT.5.1.3 No objectives at this grade level	3-5. ICT.5.1.3 Identify technology tools and software application problems.	6-8. ICT.5.1.3 Troubleshoot technology tools and software applications.	9-12. ICT.5.1.3 Troubleshoot technology systems and software applications.
	K-2.ICT.5.1.4 No objectives at this grade level	3-5. ICT.5.1.4 Identify and experiment with new technologies such as hardware, software applications and web-based applications.	6-8. ICT.5.1.4 Apply previous knowledge to new technologies.	9-12. ICT.5.1.4 Integrate new technologies into current knowledge and practices

2017 IDAHO CONTENT STANDARDS K-12

INFORMATION AND COMMUNICATION TECHNOLOGY

Standard 1: Empowered Learner

<u>Goals:</u>	<u>K-2</u>	<u>3-5</u>	<u>6-8</u>	<u>9-12</u>
<u>Goal 1:</u>	<u>ICT.K-2.1.a</u>	<u>ICT.3-5.1.a</u>	<u>ICT.6-8.1.a</u>	<u>ICT.9-12.1.a</u>
<u>Students leverage technology to take an active role in choosing, achieving and demonstrating competency in their learning goals, informed by the learning sciences.</u>	<u>With guidance from an educator, students consider and set personal learning goals and utilize appropriate technologies that will demonstrate knowledge and reflection of the process.</u>	<u>Students develop learning goals in collaboration with an educator, select the technology tools to achieve them, and reflect on and revise the learning process as needed to achieve goals.</u>	<u>Students articulate personal learning goals, select and manage appropriate technologies to achieve them, and reflect on their successes and areas of improvement in working toward their goals.</u>	<u>Students articulate and set personal learning goals, develop strategies leveraging technology to achieve them and reflect on the learning process itself to improve learning outcomes.</u>
	<u>ICT.K-2.1.b</u>	<u>ICT.3-5.1.b</u>	<u>ICT.6-8.1.b</u>	<u>ICT.9-12.1.b</u>
	<u>With guidance from an educator, students learn about various technologies that can be used to connect to others or make their learning environments personal and select resources from those available to enhance their learning.</u>	<u>With the oversight and support of an educator, Students build a network of experts and peers within school policy, and customize their environments to enhance their learning.</u>	<u>Students identify and develop online networks within school policy, and customize their learning environments in ways that support their learning, in collaboration with an educator.</u>	<u>Students build networks and customize their learning environments in ways that support their individualized learning process.</u>
	<u>ICT.K-2.1.c</u>	<u>ICT.3-5.1.c</u>	<u>ICT.6-8.1.c</u>	<u>ICT.9-12.1.c</u>
	<u>With guidance from an educator, students recognize performance feedback from digital tools, make adjustments based on that feedback and use age-appropriate technology to share learning.</u>	<u>Students seek feedback from both people and features embedded in digital tools, and use age-appropriate technology to share learning.</u>	<u>Students actively seek performance feedback from people, including teachers, and from functionalities embedded in digital tools to improve their learning process, and they select technology to demonstrate their learning in a variety of ways.</u>	<u>Students use technology to seek feedback that informs and improves their practice and to demonstrate their learning in a variety of ways.</u>

	<u>ICT.K-2.1.d</u>	<u>ICT.3-5.1.d</u>	<u>ICT.6-8.1.d</u>	<u>ICT.9-12.1.d</u>
	<u>With guidance from an educator, students explore a variety of technologies that will help them in their learning and begin to demonstrate an understanding of how knowledge can be transferred between tools.</u>	<u>Students explore age-appropriate technologies and begin to transfer their learning to different tools or learning environments.</u>	<u>Students are able to navigate a variety of technologies and transfer their knowledge and skills to learn how to use new technologies.</u>	<u>Students understand the fundamental concepts of technology operations, demonstrate the ability to choose, use and troubleshoot current technologies and are able to transfer their knowledge to explore emerging technologies.</u>

Standard 2: Digital Citizen

<u>Goals:</u>	<u>K-2</u>	<u>3-5</u>	<u>6-8</u>	<u>9-12</u>
<u>Goal 2:</u>	<u>ICT.K-2.2.a</u>	<u>ICT.3-5.2.a</u>	<u>ICT.6-8.2.a</u>	<u>ICT.9-12.2.a</u>
<u>Students recognize the rights, responsibilities and opportunities of living, learning and working in an interconnected digital world, and they act and model in ways that are safe, legal and ethical.</u>	<u>Students practice responsible use of technology through teacher-guided online activities and interactions to understand how the digital space impacts their life.</u>	<u>Students demonstrate an understanding of the role an online identity plays in the digital world and learn the permanence of their decisions when interacting online.</u>	<u>Students manage their digital identities and reputations within school policy, including demonstrating an understanding of how digital actions are never fully erasable.</u>	<u>Students cultivate and manage their digital identity and reputation and are aware of the permanence of their actions in the digital world.</u>
	<u>ICT.K-2.2.b</u>	<u>ICT.3-5.2.b</u>	<u>ICT.6-8.2.b</u>	<u>ICT.9-12.2.b</u>
	<u>With guidance from an educator, students understand how to be careful when using devices and how to be safe online, follow safety rules when using the internet and collaborate with others.</u>	<u>With guidance from an educator, students practice and encourage others in safe, legal and ethical behavior when using technology and interacting online.</u>	<u>Students demonstrate and advocate for positive, safe, legal and ethical habits when using technology and when interacting with others online.</u>	<u>Students engage in positive, safe, legal and ethical behavior when using technology, including social interactions online or when using networked devices.</u>
	<u>ICT.K-2.2.c</u>	<u>ICT.3-5.2.c</u>	<u>ICT.6-8.2.c</u>	<u>ICT.9-12.2.c</u>
	<u>With guidance from an educator, students learn about ownership and sharing of information, and how to respect the work of others.</u>	<u>Students learn about, demonstrate and encourage respect for intellectual property with both print and digital media when using and sharing the work of others.</u>	<u>Students demonstrate and advocate for an understanding of intellectual property with both print and digital media—including copyright, permission and fair use—by creating a variety of media products that include appropriate citation and attribution elements.</u>	<u>Students demonstrate an understanding of and respect for the rights and obligations of using and sharing intellectual property.</u>
	<u>ICT.K-2.2.d</u>	<u>ICT.3-5.2.d</u>	<u>ICT.6-8.2.d</u>	<u>ICT.9-12.2.d</u>
	<u>With guidance from an educator, students demonstrate an understanding that technology is all around them and the importance of keeping their information private.</u>	<u>Students demonstrate an understanding of what personal data is, how to keep it private and how it might be shared online.</u>	<u>Students demonstrate an understanding of what personal data is and how to keep it private and secure, including the awareness of terms such as encryption, HTTPS, password, cookies and computer viruses; they also understand the limitations of data management and how data-collection technologies work.</u>	<u>Students manage their personal data to maintain digital privacy and security and are aware of data collection technology used to track their navigation online.</u>

Standard 3: Knowledge Constructor

<u>Goals</u>	<u>K-2</u>	<u>3-5</u>	<u>6-8</u>	<u>9-12</u>
<u>Goal 3:</u>	<u>ICT.K-2.3.a</u>	<u>ICT.3-5.3.a</u>	<u>ICT.6-8.3.a</u>	<u>ICT.9-12.3.a</u>
<u>Students critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for themselves and others.</u>	<u>With guidance from an educator, students use digital tools and resources, contained within a classroom platform or otherwise provided by the teacher, to find information on topics of interest.</u>	<u>Students collaborate with a teacher to employ appropriate research techniques to locate digital resources that will help them in their learning process.</u>	<u>Students demonstrate and practice the ability to effectively utilize research strategies to locate appropriate digital resources in support of their learning.</u>	<u>Students plan and employ effective research strategies to locate information and other resources for their intellectual or creative pursuits.</u>
	<u>ICT.K-2.3.b</u>	<u>ICT.3-5.3.b</u>	<u>ICT.6-8.3.b</u>	<u>ICT.9-12.3.b</u>
	<u>With guidance from an educator, students become familiar with age-appropriate criteria for evaluating digital content.</u>	<u>Students learn how to evaluate sources for accuracy, perspective, credibility and relevance.</u>	<u>Students practice and demonstrate the ability to evaluate resources for accuracy, perspective, credibility and relevance.</u>	<u>Students evaluate the accuracy, perspective, credibility and relevance of information, media, data or other resources.</u>
	<u>ICT.K-2.3.c</u>	<u>ICT.3-5.3.c</u>	<u>ICT.6-8.3.c</u>	<u>ICT.9-12.3.c</u>
	<u>With guidance from an educator, students explore a variety of teacher-selected tools to organize information and make connections to their learning.</u>	<u>Using a variety of strategies, students organize information and make meaningful connections between resources.</u>	<u>Students locate and collect resources from a variety of sources and organize assets into collections for a wide range of projects and purposes</u>	<u>Students curate information from digital resources using a variety of tools and methods to create collections of artifacts that demonstrate meaningful connections or conclusions.</u>
	<u>ICT.K-2.3.d</u>	<u>ICT.3-5.3.d</u>	<u>ICT.6-8.3.d</u>	<u>ICT.9-12.3.d</u>
	<u>With guidance from an educator, students explore real-world issues and problems and share their ideas about them with others.</u>	<u>Students explore real-world problems and issues and collaborate with others to find answers or solutions.</u>	<u>Students explore real-world issues and problems and actively pursue an understanding of them and solutions for them.</u>	<u>Students build knowledge by actively exploring real-world issues and problems, developing ideas and theories and pursuing answers and solutions.</u>

Standard 4: Innovative Designer

<u>Goals:</u>	<u>K-2</u>	<u>3-5</u>	<u>6-8</u>	<u>9-12</u>
<u>Goal 4:</u>	<u>ICT.K-2.4.a</u>	<u>ICT.3-5.4.a</u>	<u>ICT.6-8.4.a</u>	<u>ICT.9-12.4.a</u>
<u>Students use a variety of technologies within a design process to identify and solve problems by creating new, useful or imaginative solutions.</u>	<u>With guidance from an educator, students ask questions, suggest solutions, test ideas to solve problems and share their learning.</u>	<u>Students explore and practice how a design process works to generate ideas, consider solutions, plan to solve a problem or create innovative products that are shared with others.</u>	<u>Students engage in a design process and employ it to generate ideas, create innovative products or solve authentic problems.</u>	<u>Students know and use a deliberate design process for generating ideas, testing theories, creating innovative artifacts or solving authentic problems.</u>
	<u>ICT.K-2.4.b</u>	<u>ICT.3-5.4.b</u>	<u>ICT.6-8.4.b</u>	<u>ICT.9-12.4.b</u>
	<u>Students use age-appropriate digital and non-digital tools to design something and are aware of the step-by-step process of designing.</u>	<u>Students use digital and non-digital tools to plan and manage a design process.</u>	<u>Students select and use digital tools to support a design process and expand their understanding to identify constraints and trade-offs and to weigh risks.</u>	<u>Students select and use digital tools to plan and manage a design process that considers design constraints and calculated risks.</u>
	<u>ICT.K-2.4.c</u>	<u>ICT.3-5.4.c</u>	<u>ICT.6-8.4.c</u>	<u>ICT.9-12.4.c</u>
	<u>Students use a design process to develop ideas or creations, and they test their design and redesign if necessary.</u>	<u>Students engage in a cyclical design process to develop prototypes and reflect on the role that trial and error plays.</u>	<u>Students engage in a design process to develop, test and revise prototypes, embracing the cyclical process of trial and error and understanding problems or setbacks as potential opportunities for improvement.</u>	<u>Students develop, test and refine prototypes as part of a cyclical design process.</u>
	<u>ICT.K-2.4.d</u>	<u>ICT.3-5.4.d</u>	<u>ICT.6-8.4.d</u>	<u>ICT.9-12.4.d</u>
<u>Students demonstrate perseverance when working to complete a challenging task.</u>	<u>Students demonstrate perseverance when working with open-ended problems.</u>	<u>Students demonstrate an ability to persevere and handle greater ambiguity as they work to solve open-ended problems.</u>	<u>Students exhibit a tolerance for ambiguity, perseverance and the capacity to work with open-ended problems.</u>	

Standard 5: Computational Thinker

<u>Goals:</u>	<u>K-2</u>	<u>3-5</u>	<u>6-8</u>	<u>9-12</u>
<u>Goal 5:</u>	<u>ICT.K-2.5.a</u>	<u>ICT.3-5.5.a</u>	<u>ICT.6-8.5.a</u>	<u>ICT.9-12.5.a</u>
<u>Students develop and employ strategies for understanding and solving problems in ways that leverage the power of technological methods to develop and test solutions.</u>	<u>With guidance from an educator, students identify a problem and select appropriate technology tools to explore and find solutions.</u>	<u>Students explore or solve problems by selecting technology for data analysis, modeling and algorithmic thinking, with guidance from an educator.</u>	<u>Students practice defining problems to solve by computing for data analysis, modeling or algorithmic thinking.</u>	<u>Students formulate problem definitions suited for technology-assisted methods such as data analysis, abstract models and algorithmic thinking in exploring and finding solutions.</u>
	<u>ICT.K-2.5.b</u>	<u>ICT.3-5.5.b</u>	<u>ICT.6-8.5.b</u>	<u>ICT.9-12.5.b</u>
	<u>With guidance from an educator, students analyze age-appropriate data and look for similarities in order to identify patterns and categories.</u>	<u>Students select effective technology to represent data.</u>	<u>Students find or organize data and use technology to analyze and represent it to solve problems and make decisions.</u>	<u>Students collect data or identify relevant data sets, use digital tools to analyze them, and represent data in various ways to facilitate problem-solving and decision-making.</u>
	<u>ICT.K-2.5.c</u>	<u>ICT.3-5.5.c</u>	<u>ICT.6-8.5.c</u>	<u>ICT.9-12.5.c</u>
	<u>With guidance from an educator, students break a problem into parts and identify ways to solve the problem.</u>	<u>Students break down problems into smaller parts, identify key information, and propose solutions.</u>	<u>Students break problems into component parts, identify key pieces and use that information to problem solve.</u>	<u>Students break problems into component parts, extract key information, and develop descriptive models to understand complex systems or facilitate problem-solving.</u>
	<u>ICT.K-2.5.d</u>	<u>ICT.3-5.5.d</u>	<u>ICT.6-8.5.d</u>	<u>ICT.9-12.5.d</u>
	<u>Students understand how technology is used to make a task easier or repeatable and can identify real-world examples.</u>	<u>Students understand and explore basic concepts related to automation, patterns and algorithmic thinking.</u>	<u>Students demonstrate an understanding of how automation works and use algorithmic thinking to design and automate solutions.</u>	<u>Students understand how automation works and use algorithmic thinking to develop a sequence of steps to create and test automated solutions.</u>

Standard 6: Creative Communicator

<u>Goals:</u>	<u>K-2</u>	<u>3-5</u>	<u>6-8</u>	<u>9-12</u>
<u>Goal 6:</u>	<u>ICT.K-2.6.a</u>	<u>ICT.3-5.6.a</u>	<u>ICT.6-8.6.a</u>	<u>ICT.9-12.6.a</u>
<u>Students communicate clearly and express themselves creatively for a variety of purposes using the platforms, tools, styles, formats and digital media appropriate to their goals.</u>	<u>With guidance from an educator, students choose different tools for creating something new or for communicating with others.</u>	<u>Students recognize and utilize the features and functions of a variety of creation or communication tools.</u>	<u>Students select appropriate platforms and tools to create, share and communicate their work effectively.</u>	<u>Students choose the appropriate platforms and tools for meeting the desired objectives of their creation or communication.</u>
	<u>ICT.K-2.6.b</u>	<u>ICT.3-5.6.b</u>	<u>ICT.6-8.6.b</u>	<u>ICT.9-12.6.b</u>
	<u>Students use digital tools to create original works.</u>	<u>Student create original works and learn strategies for remixing or repurposing to create new artifacts.</u>	<u>Students create original works or responsibly repurpose or remix other digital resources into new creative works.</u>	<u>Students create original works or responsibly repurpose or remix digital resources into new creations.</u>
	<u>ICT.K-2.6.c</u>	<u>ICT.3-5.6.c</u>	<u>ICT.6-8.6.c</u>	<u>ICT.9-12.6.c</u>
	<u>With guidance from an educator, students share ideas in multiple ways—visual, audio, etc.</u>	<u>Students create digital artifacts to communicate ideas visually and graphically.</u>	<u>Students communicate complex ideas clearly using various digital tools to convey the concepts textually, visually, graphically, etc.</u>	<u>Students communicate complex ideas clearly and effectively by creating or using a variety of digital objects such as visualizations, models or simulations.</u>
	<u>ICT.K-2.6.d</u>	<u>ICT.3-5.6.d</u>	<u>ICT.6-8.6.d</u>	<u>ICT.9-12.6.d</u>
	<u>With guidance from an educator, students select technology to share their ideas with different people.</u>	<u>Students learn about audience and consider their expected audience when creating digital artifacts and presentations.</u>	<u>Students publish or present content designed for specific audiences and select platforms that will effectively convey their ideas to those audiences.</u>	<u>Students publish or present content that customizes the message and medium for their intended audiences.</u>

Standard 7: Global Collaborator

<u>Goals:</u>	<u>K-2</u>	<u>3-5</u>	<u>6-8</u>	<u>9-12</u>
<u>Goal 7:</u>	<u>ICT.K-2.7.a</u>	<u>ICT.3-5.7.a</u>	<u>ICT.6-8.7.a</u>	<u>ICT.9-12.7.a</u>
<u>Students use digital tools to broaden their perspectives and enrich their learning by collaborating with others and working effectively in teams locally and globally.</u>	<u>With guidance from an educator, students use technology tools to work with friends and with people outside their neighborhood, city and beyond.</u>	<u>Students use digital tools to work with friends and people from different backgrounds or cultures.</u>	<u>Students use digital tools to interact with others to develop a richer understanding of different perspectives and cultures.</u>	<u>Students use digital tools to connect with learners from a variety of backgrounds and cultures, engaging with them in ways that broaden mutual understanding and learning.</u>
	<u>ICT.K-2.7.b</u>	<u>ICT.3-5.7.b</u>	<u>ICT.6-8.7.b</u>	<u>ICT.9-12.7.b</u>
	<u>With guidance from an educator, students use technology to communicate with others and to look at problems from different perspectives.</u>	<u>Students use collaborative technologies to connect with others, including peers, experts and community members, to explore different points of view on various topics.</u>	<u>Students use collaborative technologies to connect with others, including peers, experts and community members, to learn about issues and problems or to gain broader perspective.</u>	<u>Students use collaborative technologies to work with others, including peers, experts or community members, to examine issues and problems from multiple viewpoints.</u>
	<u>ICT.K-2.7.c</u>	<u>ICT.3-5.7.c</u>	<u>ICT.6-8.7.c</u>	<u>ICT.9-12.7.c</u>
	<u>With guidance from an educator, students take on different team roles and use age-appropriate technologies to complete projects.</u>	<u>Students perform a variety of roles within a team using age-appropriate technology to complete a project or solve a problem.</u>	<u>Students determine their role on a team to meet goals, based on their knowledge of technology and content, as well as personal preference.</u>	<u>Students contribute constructively to project teams, assuming various roles and responsibilities to work effectively toward a common goal.</u>
	<u>ICT.K-2.7.d</u>	<u>ICT.3-5.7.d</u>	<u>ICT.6-8.7.d</u>	<u>ICT.9-12.7.d</u>
	<u>With guidance from an educator, students use age-appropriate technologies to work together to understand problems and suggest solutions.</u>	<u>Students work with others using collaborative technologies to explore local and global issues.</u>	<u>Students select collaborative technologies and use them to work with others to investigate and develop solutions related to local and global issues.</u>	<u>Students explore local and global issues and use collaborative technologies to work with others to investigate, develop new understandings, make decisions, and/or solve problems.</u>
<u>* Standards and Goals utilized from the 2016 ISTE Standards for Students</u>				

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