Skills Comparison Chart

NC Information and Technology Essential Standard	AASL Standards for the 21st-Century Learner	Partnership for 21st-Century Skills	National Education Technology Standards and Performance Indicators for Students
K-5.TT.1 Use technology tools and skills to reinforce classroom concepts and activities. **6.TT.1 Use technology and other resources for the purpose of accessing, organizing, and sharing information.** **7-8.TT.1 Use technology and other resources for assigned tasks.** **HS.TT.1 Use technology and other resources for assigned tasks.** **K.SI.1 Classify useful sources of information.** **1.SI.1 Recall useful sources of information.** **2.SI.1 Categorize sources of information as appropriate or inappropriate.** **3.SI.1 Categorize sources of information for specific purposes.** **4-5.SI.1 Apply criteria to determine appropriate information resources for specific topics and purposes.** **6.SI.1 Analyze resources to determine their reliability, point of view, bias, and relevance for particular topics and purposes** **7.SI.1 Evaluate information resources based on specified criteria.** **8.SI.1 Evaluate information resources based on specified criteria.** **HS.SI.1 Evaluate resources needed to solve a given problem.** **2.RP.1 Apply the research process by participating in whole-class research.** **3-5.RP.1 Apply a research process as part of collaborative research.** **6.RP.1 Apply a research process for collaborative or individual research.** **7.RP.1 Apply a research process to complete given tasks.** **8.RP.1 Apply a research process to complete project-based activities.** **HS.RP.1 Design project-based products that address global problems.**	**1. Learners use skills, resources, & tools to inquire, think critically and gain knowledge.**	**-Learning & Innovation Skills** **-Information, Media & Technology Skills** **-Life & Career Skills**	**1. Creativity and Innovation:** Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. **3. Research and Information Fluency:** Students apply digital tools to gather, evaluate, and use information. **4. Critical Thinking, Problem Solving, and Decision Making:** Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. **6. Technology Operations and Concepts:** Students demonstrate a sound understanding of technology concepts, systems, and operations.

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5.IN.1.1 Differentiate strategies when reading informational text in a variety of formats (e.g., print, online, audio, etc.) to complete assigned tasks.			
K.RP.1.1 Identify questions that are relevant for a given topic or purpose. 1.RP.1.1 Recognize the steps of a simple (or simplified) research process. 2.RP.1.1 Execute the steps of a simple research process (three to four steps). 3-5.RP.1.1 Implement a research process by collaborating effectively with other students. 6.RP.1.1 Implement a research process collaboratively. 6.RP.1.2 Implement a research process independently. 7.RP.1.1 Implement a collaborative research process activity that is group selected. 7.RP.1.2 Implement an independent research process activity that is student selected. 8.RP.1.1 Implement a project-based activity collaboratively. 8.RP.1.2 Implement a project-based activity independently. HS.RP.1.1 Design global-awareness project-based products individually and collaboratively.	1.1.1. Follow an inquiry-based process in seeking knowledge in curricular subjects, and make the real-world connection for using this process in own life.		3.a. Plan strategies to guide inquiry. 4.a. Identify and define authentic problems and significant questions for investigation.
	1.1.2. Use prior and background knowledge as context for new learning.		1.a. Apply existing knowledge to generate new ideas, products, or processes. 6.d. Transfer current knowledge to learning of new technologies.
K.RP.1.1 Identify questions that are relevant for a given topic or purpose.	1.1.3. Develop and refine a range of questions to frame the search for new understanding.	**Critical Thinking and Problem Solving:** Identify and ask significant questions that clarify various points of view and lead to better solutions.	4.a. Identify and define authentic problems and significant questions for investigation.

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K-1.SI.1.1 Identify sources of information (e.g., print, non-print, electronic, people). K.IN.1.2 Identify resources with appropriate factual information. K.SI.1.2 Identify the relevant sources of information for a given task. I.SI.1.2 Classify resources as relevant for a given purpose and/or topic. 2..SI.1.1 Classify sources of information as relevant for particular topics or purposes. 2.SI.1.2 Classify resources as current or not current. 3.SI.1.1 Classify various types of resources as appropriate or inappropriate for purposes. 3.SI.1.2 Classify resources as reliable or not reliable. 4-5.SI.1.1 Use various types of resources to gather information (including print and online media). 4-5.SI.1.2 Use relevant sources of information for an assigned task. 4-5.SI.1.3 Use reliable sources of information. 6.SI.1.1 Analyze resources in terms of their reliability (which can be determined by currency, credibility, or authority, depending on the topic or purpose) 7-HS.SI.1.1 Evaluate resources for reliability. (Reliability can be determined by currency, credibility, authority, etc. depending on the curriculum topic). HS.SI.1.2 Evaluate resources for point of view, bias, values, or intent of information.	1.1.4. Find, evaluate, and select appropriate sources to answer questions.	**Information Literacy:** Access information efficiently (time) and effectively (sources).	3.b. Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media. 3.c. Evaluate and select information sources and digital tools based on the appropriateness to specific tasks. 4.c. Collect and analyze data to identify solutions and/or make informed decisions.
4-5.SI.1.2Use relevant sources of information for an assigned task. 4-5.SI.1.3Use reliable sources of information. 6.SI.12 Analyze content for relevance to the assigned task. 7-HS.SI.1.12 Evaluate content for relevance to the assigned task.	1.1.5. Evaluate information found in selected sources on the basis of accuracy, validity, appropriateness for needs, importance, and social and cultural context.	**Information Literacy:** Evaluate information critically and competently.	3.b. Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media. 3.c. Evaluate and select information sources and digital tools based on the appropriateness to specific tasks. 4.c. Collect and analyze data to identify solutions and/or make informed decisions.
K.SI.1.1 Identify sources of information (e.g., print, non-print, electronic, people). 1.SI.1.1 Identify various resources for information (e. g., print, audio-visual, electronic, people). 5.IN.1.1 Use visual and literacy cues to locate relevant information in a given text (e.g., bold print, italics, bullets, etc).	1.1.6. Read, view, and listen for information presented in any format (e.g., textual, visual, media, digital) in order to make inferences and gather meaning.	**Communication and Collaboration:** Listen effectively to decipher meaning, including knowledge, values, attitudes and intentions. **Information Literacy:** Manage the flow of information from a wide variety of sources.	1.c. Use models and simulations to explore complex systems and issues. 3.b. Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.

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1.IN.1.2 Compare important facts and minor details. 2.IN.1.2 Summarize appropriate reading strategies when reading for information. 6.SI.1.3 Analyze resources for point of view, bias, values, or intent of information. 7.SI.1.3 Evaluate resources for point of view, bias, values, or intent of information. 8.SI.1.3 Evaluate resources for point of view, bias, values, or intent of information.	1.1.7. Make sense of information gathered from diverse sources by identifying misconceptions, main and supporting ideas, conflicting information, and point of view or bias.	**Critical Thinking and Problem Solving:** **-**Effectively analyze and evaluate evidence, arguments, claims and beliefs. - Analyze and evaluate major alternative points of view. **Media Literacy:** Understand both how and why media messages are constructed and for what purposes.	3.b. Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media. 4.c. Collect and analyze data to identify solutions and/or make informed decisions. 4.d. Use multiple processes and diverse perspectives to explore alternative solutions.
K-5.TT.1.1 Use a variety of technology tools to gather data and information (e.g., Web-based resources, e-books, online communication tools, etc.). 6.TT.1.1 Select appropriate technology tools to gather data and information (e.g., Web-based resources, e-books, online communication tools, etc.). 7.TT.1.1 Use appropriate technology tools and other resources to access information. 8.TT.1.1 Use appropriate technology tools and other resources to access information (search engines, electronic databases, digital magazine articles). HS.TT.1.1Use appropriate technology tools and other resources to access information (multi-database search engines, online primary resources, virtual interviews with content experts). 4-5.SI.1.1 Use various types of resources to gather information (including print and online media).	1.1.8. Demonstrate mastery of technology tools for accessing information and pursuing inquiry.	**Information & Communication Technologies (ICT):** Use technology as a tool to research, organize, evaluate & communicate information.	6.a. Understand and use technology systems.
K-5.TT.1.2 Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.). K-5.TT.1.3 Use technology tools to present data and information (multimedia, audio and visual recording, online collaboration tools, etc.). 3-5.RP.1.1 Implement a research process by collaborating effectively with other students 6.TT.1.2 Select appropriate technology tools to organize data and information (e.g., word processor, database, spreadsheet, graphic organizer, audio and visual recording, online collaboration tools, etc.). 7-8.TT.1.2 Use appropriate technology tools and other resources to organize information (e.g. graphic organizers, databases, spreadsheets, and desktop publishing).	1.1.9. Collaborate with others to broaden and deepen understanding.		

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6.TT.1.3 Select appropriate technology tools to present data and information effectively (multimedia, audio and visual recording, online collaboration tools, etc.). 7-8.TT.1.3 Use appropriate technology tools and other resources to design products to share information with others (e.g. multimedia presentations, Web 2.0 tools, graphics, podcasts, and audio files). . 6.RP.1.1 Implement a research process collaboratively. 7.RP.1.1 Implement a collaborative research process activity that is group selected. 8.RP.1.1 Implement a project-based activity collaboratively. HS.RP.1.1 Design global-awareness project-based products individually and collaboratively. HS.TT.1.2 Use appropriate technology tools and other resources to organize information (e.g. online note-taking tools, collaborative wikis).			

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K-5.TT.1 Use technology tools and skills to reinforce and extend classroom concepts and activities. **6.TT.1 Use technology and other resources for the purpose of accessing, organizing, and sharing information.** **7.TT.1-HS.TT.1 Use technology and other resources for assigned tasks.** **2.RP.1. Apply the research process by participating in whole-class research.** **3-5.RP.1 Apply a research process as part of collaborative research.** **6.RP.1 Apply a research process for collaborative or individual research.** **7.RP.1 Apply a research process to complete given tasks.** **8.RP.1 Apply a research process to complete project-based activities.** **HS.RP.1 Design project-based products that address global problems.**	**2. Learners use skills, resources, & tools to draw conclusions, make informed decisions, apply knowledge to new situations, and create new knowledge.**	**-Learning & Innovation Skills** **-Information, Media & Technology Skills** **-Life & Career Skills**	**1. Creativity and Innovation:** Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. **2. Communication and Collaboration:** Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. **3. Research and Information Fluency:** Students apply digital tools to gather, evaluate, and use information. **4. Critical Thinking, Problem Solving, and Decision Making:** Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. **6. Technology Operations and Concepts:** Students demonstrate a sound understanding of technology concepts, systems, and operations.
2.RP.1.1 Execute the steps of a simple research process	2.1.1. Continue an inquiry-based research	**Think creatively**: Use a wide range of	1.a. Apply existing knowledge to generate new ideas,

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(three to four steps). 3-5.RP.1.1 Implement a research process by collaborating effectively with other students. 6.RP.1.1 Implement a research process collaboratively. 7.RP.1.1 Implement a collaborative research process activity that is group selected. 8.RP.1.1 Implement a project-based activity collaboratively. 6.RP.1.2 Implement a research process independently. 7.RP.1.2 Implement an independent research process activity that is student selected. 8.RP.1.2 Implement a project-based activity independently. HS.RP.1.1 Design global-awareness project-based products individually and collaboratively.	process by applying critical-thinking skills (analysis, synthesis, evaluation, organization) to information and knowledge in order to construct new understandings, draw conclusions, and create new knowledge.	idea creation techniques (such as brainstorming). **Critical thinking and Problem Solving:** Synthesize and make connections between information and arguments	products, or processes. 1.d. Identify trends and forecast possibilities. 3.b. Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media. 4.b. Plan and manage activities to develop a solution or complete a project. 4.c. Collect and analyze data to identify solutions and/or make informed decisions.
K-5.TT.1.2 Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.). 6-8.TT.1.2 Use appropriate technology tools and other resources to organize information (e.g. graphic organizers, databases, spreadsheets, and desktop publishing). HS.TT.1.2 Use appropriate technology tools and other resources to organize information (e.g. online note-taking tools, collaborative wikis).	2.1.2. Organize knowledge so that it is useful.		3.b. Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.
6.SI.1.2 Analyze content for relevance to the assigned task. 7.SI.1.2 Evaluate content for relevance to the assigned task. 8.SI.1.2 Evaluate content for relevance to the assigned task. 6.RP.1.1 Implement a research process collaboratively. 7.RP.1.1 Implement a collaborative research process activity that is group selected. 8.RP.1.1 Implement a project-based activity collaboratively. 6.RP.1.2 Implement a research process independently. 7.RP.1.2 Implement an independent research process activity that is student selected. 8.RP.1.2 Implement a project-based activity independently. HS.RP.1.1 Design global-awareness project-based	2.1.3. Use strategies to draw conclusions from information and apply knowledge to curricular areas, real-world situations, and further investigations.	**Critical Thinking and Problem Solving:** -Use various types of reasoning (inductive, deductive, etc. as appropriate to the situation. -Interpret information and draw conclusions based on the best analysis. **Information Literacy:** Use information accurately and creatively for the issue or problem at hand.	1.d. Identify trends and forecast possibilities. 4.b. Plan and manage activities to develop a solution or complete a project. 4.c. Collect and analyze data to identify solutions and/or make informed decisions.

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products individually and collaboratively.			
K-5.TT.1.2 Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.). 6.TT.1.2 Select appropriate technology tools to organize data and information (e.g., word processor, database, spreadsheet, graphic organizer, audio and visual recording, online collaboration tools, etc.). 7-8.TT.1.2 Use appropriate technology tools and other resources to organize information (e.g. graphic organizers, databases, spreadsheets, and desktop publishing). HS.TT.1.2 Use appropriate technology tools and other resources to organize information (e.g. online note-taking tools, collaborative wikis).	2.1.4. Use technology and other information tools to analyze and organize information.	**Information & Communication Technologies (ICT):** Use technology as a tool to research, organize, evaluate & communicate information.	1.c. Use models and simulations to explore complex systems and issues. 3.b. Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media. 3.c. Evaluate and select information sources and digital tools based on the appropriateness to specific tasks. 3.d. Process data and report results. 4.c. Collect and analyze data to identify solutions and/or make informed decisions. 6.a. Understand and use technology systems.
K-5.TT.1.2 Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.). K-5.TT.1.3 Use technology tools to present data and information (multimedia, audio and visual recording, online collaboration tools, etc.). 3-5.RP.1.1 Implement a research process by collaborating effectively with other students. 6.TT.1.2 Select appropriate technology tools to organize data and information (e.g., word processor, database, spreadsheet, graphic organizer, audio and visual recording, online collaboration tools, etc.). 7-8.TT.1.2 Use appropriate technology tools and other resources to organize information (e.g. graphic organizers, databases, spreadsheets, and desktop publishing). 6.TT.1.3 Select appropriate technology tools to present data and information effectively (multimedia, audio and visual recording, online collaboration tools, etc.). 7-8.TT.1.3 Use appropriate technology tools and other resources to design products to share information with others (e.g. multimedia presentations, Web 2.0 tools, graphics, podcasts, and audio files). 6.RP.1.1 Implement a research process collaboratively. 7.RP.1.1 Implement a collaborative research process	2.1.5. Collaborate with others to exchange ideas, develop new understandings, make decisions, and solve problems.		1.b. Create original works as a means of personal or group expression.

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activity that is group selected. 8.RP.1.1 Implement a project-based activity collaboratively. HS.RP.1.1 Design global-awareness project-based products individually and collaboratively. HS.TT.1.2 Use appropriate technology tools and other resources to organize information (e.g. online note-taking tools, collaborative wikis).			
K-5.TT.1.3 Use technology tools to present data and information (multimedia, audio and visual recording, online collaboration tools, etc.). 3.IN.1.1 Use visual and literacy cues to locate relevant information in a given text (e.g., bold print, italics, bullets, etc). 6.TT.1.3 Select appropriate technology tools to present data and information effectively (multimedia, audio and visual recording, online collaboration tools, etc.). 7-HS.TT.1.3 Use appropriate technology tools and other resources to design products to share information with others (e.g. multimedia presentations, Web 2.0 tools, graphics, podcasts, and audio files).	2.1.6. Use the writing process, media and visual literacy, and technology skills to create products that express new understandings.	**Communication and Collaboration:** -Articulate thoughts and ideas effectively using oral, written and nonverbal communication skills in a variety of forms and contexts. **Information & Communication Technologies (ICT):** Use technology as a tool to research, organize, evaluate & communicate information.	1.b. Create original works as a means of personal or group expression. 2.d. Contribute to project teams to produce original works or solve problems. 3. d. Process data and report results. 6. b. Select and use applications effectively and productively.

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K-5.TT.1 Use technology tools and skills to reinforce classroom concepts and activities. **K.SE.1 Remember safety and ethical issues related to the responsible use of information and technology resources.** **1.SE.1 Understand safety and ethical issues related to the responsible use of information and technology resources.** **2-.5.SE.1 Understand issues related to the safe, ethical, and responsible use of information and technology resources.** **2.RP.1 Apply the research process by participating in whole-class research.** **3-5.RP.1 Apply a research process as part of collaborative research.** **6-7.SE.1 Apply responsible behaviors when using information and technology resources.** **8.SE.1 Analyze responsible behaviors when using information and technology resources.** **6.TT.1 Use technology and other resources for the purpose of accessing, organizing, and sharing information.** **7-HS.TT.1 Use technology and other resources for assigned tasks.** **6.RP.1 Apply a research process for collaborative or individual research.** **7.RP.1 Apply a research process to complete given tasks.** **8.RP.1 Apply a research process to complete project-based activities.** **HS.RP.1 Design project-based products that address global problems.** **HS.SE.1 Analyze issues and practices of responsible behavior when using resources.**	**3. Learners use skills, resources, & tools to share knowledge and participate ethically and productively as members of our democratic society.**	**-Learning & Innovation Skills** **-Information, Media & Technology Skills** **-Life & Career Skills**	**2. Communication and Collaboration:** Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. **3. Research and Information Fluency:** Students apply digital tools to gather, evaluate, and use information. **5. Digital Citizenship:** Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. **6. Technology Operations and Concepts:** Students demonstrate a sound understanding of technology concepts, systems, and operations.
2.RP.1.1 Execute the steps of a simple research process (three to four steps).	3.1.1. Conclude an inquiry-based research process by sharing new understandings and reflecting on		3.d. Process data and report results.

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3-5.RP.1.1 Implement a research process by collaborating effectively with other students. 6.RP.1.1 Implement a research process collaboratively. 7.RP.1.1 Implement a collaborative research process activity that is group selected. 8.RP.1.1 Implement a project-based activity collaboratively. 6.RP.1.2 Implement a research process independently. 7.RP.1.2 Implement an independent research process activity that is student selected. 8.RP1.2 Implement a project-based activity independently. HS.RP.1.1 Design global-awareness project-based products individually and collaboratively.	the learning.		
K-5.TT.1.2 Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.). K-5.TT.1.3 Use technology tools to present data and information (multimedia, audio and visual recording, online collaboration tools, etc.). K.SE.1.3 Recognize the importance of respect for the work of others. 3-5.RP.1.1 Implement a research process by collaborating effectively with other students. 6.TT.1.2 Select appropriate technology tools to organize data and information (e.g., word processor, database, spreadsheet, graphic organizer, audio and visual recording, online collaboration tools, etc.). 6.TT.1.3 Select appropriate technology tools to present data and information effectively (multimedia, audio and visual recording, online collaboration tools, etc.). 7-8.TT.1.2 Use appropriate technology tools and other resources to organize information (e.g. graphic organizers, databases, spreadsheets, and desktop publishing). 7-8.TT.1.3 Use appropriate technology tools and other resources to design products to share information with others (e.g. multimedia presentations, Web 2.0 tools, graphics, podcasts, and audio files). 6.RP.1.1 Implement a research process collaboratively. 6.RP.1.2 Implement a research process independently.	3.1.2. Participate and collaborate as members of a social and intellectual network of learners.	**Communication and Collaboration:** Demonstrate ability to work effectively and respectfully with diverse teams. **Information & Communication Technologies (ICT) Literacy:** Use digital technologies, communication/networking tools and social networks appropriately to access, manage, integrate, evaluate and create information to successfully function in a knowledge economy.	2.c. Develop cultural understanding and global awareness by engaging with learners of other cultures.

7.RP.1.1 Implement a collaborative research process activity that is group selected. 7.RP.1.2 Implement an independent research process activity that is student selected. 8.RP.1.1 Implement a project-based activity collaboratively. 8.RP.1.2 Implement a project-based activity independently. HS.TT.1.3 Use appropriate technology tools and other resources to design products to share information with others (e.g. multimedia presentations, Web 2.0 tools, graphics, podcasts, and audio files). HS.RP.1.1 Design global-awareness project-based products individually and collaboratively. HS.SE.1.2 Analyze safety issues and practices when using online resources (legal and criminal consequences, long-term career consequences of behavior).			
K-5.TT.1 Use technology tools and skills to reinforce classroom concepts and activities. 6.TT.1 Use technology and other resources for the purpose of accessing, organizing, and sharing information. 7-HS.TT.1 Use technology and other resources for assigned tasks.	3.1.3. Use writing and speaking skills to communicate new understandings effectively.	**Work Creatively with Others:** Develop, implement and communicate new ideas to others effectively.	
K-5.TT.1.2 Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.). K-5.TT.1.3 Use technology tools to present data and information (multimedia, audio and visual recording, online collaboration tools, etc.). 6.TT.1.2 Select appropriate technology tools to organize data and information (e.g., word processor, database, spreadsheet, graphic organizer, audio and visual recording, online collaboration tools, etc.). 7-8.TT.1.2 Use appropriate technology tools and other resources to organize information (e.g. graphic organizers, databases, spreadsheets, and desktop	3.1.4. Use technology and other information tools to organize and display knowledge and understanding in ways that others can view, use, and assess.	**Media Literacy:** Understand and utilize the most appropriate media creation tools, characteristics and conventions. **Information & Communication Technologies (ICT) Literacy:** Use technology as a tool to research, organize, evaluate & communicate information.	2.b. Communicate information and ideas effectively to multiple audiences using a variety of media and formats. 3.c. Evaluate and select information sources and digital tools based on the appropriateness to specific tasks. 3.d. Process data and report results. 6.a. Understand and use technology systems. 6.b. Select and use applications effectively and productively.

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publishing). 6.TT.1.3 Select appropriate technology tools to present data and information effectively (multimedia, audio and visual recording, online collaboration tools, etc.). 7-8.TT.1.3 Use appropriate technology tools and other resources to design products to share information with others (e.g. multimedia presentations, Web 2.0 tools, graphics, podcasts, and audio files). 3-5.RP.1.1 Implement a research process by collaborating effectively with other students. 6.RP.1.1 Implement a research process collaboratively. 7.RP.1.1 Implement a collaborative research process activity that is group selected. 8.RP.1.1 Implement a project-based activity collaboratively. 6.RP.1.2 Implement a research process independently. 7.RP.1.2 Implement an independent research process activity that is student selected. 8.RP.1.2 Implement a project-based activity independently. HS.TT.1.2 Use appropriate technology tools and other resources to organize information (e.g. online note-taking tools, collaborative wikis). HS.TT.1.3 Use appropriate technology tools and other resources to design products to share information with others (e.g. multimedia presentations, Web 2.0 tools, graphics, podcasts, and audio files). HS.RP.1.1 Design global-awareness project-based products individually and collaboratively.			
	3.1.5. Connect learning to community issues.		
K.SE.1.1 Identify examples of responsible use and care of technology hardware and software. K.SE.1.2 Remember internet safety rules. K.SE.1.3 Recognize the importance of respect for the work of others. 1.SE.1.3 Recognize the need to obtain permission or give credit when using intellectual property of others. 1-2.SE.1.1 Use technology hardware and software responsibly.	3.1.6. Use information and technology ethically and responsibly.	**Information & communication Technologies (ICT) Literacy:** Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of information technologies.	3.b. Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media. 5.a. Advocate and practice safe, legal, and responsible use of information and technology.

| 1-2.SE.1.2 Explain why safe use of electronic resources is important.
2.SE.1.3 Use simple citation rules for print and electronic resources.
3-5.SE.1.1 Understand the guidelines for responsible use of technology hardware.
3-5.SE.1.2 Understand ethical behavior (e.g., copyright, not plagiarizing, netiquette) when using resources.
3-5.SE.1.3 Understand internet safety precautions (e.g., personal information, passwords, etc.).
6.SE.1.1 Apply ethical behavior (copyright, not plagiarizing, proper netiquette) when using resources.
6.SE.1.2 Apply the safety precautions necessary when using online resources (personal information, passwords, etc.).
7-8.SE.1.1 Analyze ethical behavior (copyright, not plagiarizing, netiquette) when using resources.
7-8.SE.1.2 Analyze safety precautions when using online resources (personal information, passwords, etc.).
HS.SE.1.1 Analyze ethical issues and practices related to copyright, not plagiarizing, and netiquette.
HS.SE.1.2 Analyze safety issues and practices when using online resources (legal and criminal consequences, long-term career consequences of behavior). | | | |

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K-5.IN.1Understand the difference between text read for enjoyment and text read for information.	**4. Learners use skills, resources, & tools to pursue personal and aesthetic growth.**	**-Learning & Innovation Skills** **-Information, Media & Technology Skills** **-Life & Career Skills**	**2. Communication and Collaboration:** Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. **5. Digital Citizenship:** Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. **6. Technology Operations and Concepts:** Students demonstrate a sound understanding of technology concepts, systems, and operations.
	4.1.1. Read, view, and listen for pleasure and		5.c. Demonstrate personal responsibility for lifelong

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	personal growth.		learning..
2.IN.1.2 Summarize appropriate reading strategies when reading for information.	4.1.2. Read widely and fluently to make connections with self, the world, and previous reading.		
K.IN.1.1 Understand the meaning of fiction and nonfiction 1.IN.1.1 Classify text as nonfiction or fiction. 2.IN.1.1 Categorize books by their genre characteristics. 3.IN.1.1 Use visual and literacy cues to locate relevant information in a given text (e.g., bold print, italics, bullets, etc). 4.IN.1.1 Implement appropriate reading strategies when reading for information. 5.IN.1.1 Differentiate strategies when reading informational text in a variety of formats (e.g., print, online, audio, etc.) to complete assigned tasks.	4.1.3. Respond to literature and creative expressions of ideas in various formats and genres.		5.c. Demonstrate personal responsibility for lifelong learning.
K.IN.1.1 Understand the meaning of fiction and nonfiction 1.IN.1.1 Classify text as nonfiction or fiction. 2.IN.1.1 Categorize books by their genre characteristics. 2.IN.1.2 Summarize appropriate reading strategies when reading for information. 3.IN.1.2 Compare the characteristics of genres to develop diverse reading habits. 4.IN.1.2 Explain the importance of relevant characteristics in various genres. 5.IN.1.2 Differentiate strategies when reading various genres.	4.1.4. Seek information for personal learning in a variety of formats and genres.		5.c. Demonstrate personal responsibility for lifelong learning.
	4.1.5. Connect ideas to own interests and previous knowledge and experience.		
	4.1.6. Organize personal knowledge in a way that can be called upon easily.		
K-5.TT.1.1 Use a variety of technology tools to gather data and information (e.g., Web-based resources, e-books, online communication tools, etc.).	4.1.7. Use social networks and information tools to gather and share information.	**Information & Communication Technologies (ICT) Literacy:** Use digital technologies, communication/networking tools and	1.b. Create original works as a means of personal or group expression. 2.a. Interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and

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K-5.TT.1.2 Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.). K-5.TT.1.3 Use technology tools to present data and information (e.g., multimedia, audio and visual recording, online collaboration tools, etc.). 6.TT.1.1 Select appropriate technology tools to gather data and information (e.g., Web-based resources, e-books, online communication tools, etc.). 6.TT.1.2 Select appropriate technology tools to organize data and information (e.g., word processor, database, spreadsheet, graphic organizer, audio and visual recording, online collaboration tools, etc.). 6.TT.1.3 Select appropriate technology tools to present data and information effectively (multimedia, audio and visual recording, online collaboration tools, etc.). 7-8TT.1.3 Use appropriate technology tools and other resources to design products to share information with others (e.g. multimedia presentations, Web 2.0 tools, graphics, podcasts, and audio files). HS.TT.1.1 Use appropriate technology tools and other resources to access information (multi-database search engines, online primary resources, virtual interviews with content experts). HS.TT.1.2 Use appropriate technology tools and other resources to organize information (e.g. online note-taking tools, collaborative wikis). HS.TT.1.3 Use appropriate technology tools and other resources to design products to share information with others (e.g. multimedia presentations, Web 2.0 tools, graphics, podcasts, and audio files).		social networks appropriately to access, manage, integrate, evaluate and create information to successfully function in a knowledge economy.	media.
K-5.TT.1.3 Use technology tools to present data and information (e.g., multimedia, audio and visual recording, online collaboration tools, etc.). 6.TT.1.3 Select appropriate technology tools to	4.1.8. Use creative and artistic formats to express personal learning.		1.b. Create original works as a means of personal or group expression.

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present data and information effectively (multimedia, audio and visual recording, online collaboration tools, etc.). 7-8TT.1.3 Use appropriate technology tools and other resources to design products to share information with others (e.g. multimedia presentations, Web 2.0 tools, graphics, podcasts, and audio files).			