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Tech EDGE Student Rubric K-1


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K-1 Tech EDGE Student Rubric

Subject _____ Project _____ Objective _____

	Emerging 1	Proficient 2	Advanced 3	ISTE Standards	Common Core Standards (LA, SS, Science, Technical)	NE Multiple Literacy Standards
<p>Creativity and Innovation</p> <p>Generates new ideas.</p> <p>Creates original work .</p> <p>Makes predictions.</p>	<p>Project demonstrates use of a single feature option in program to develop innovative product using technology. <i>(ie layouts, size, color, characters)</i></p>	<p>Project demonstrates playing with features in program to develop innovative product with two feature options using technology.</p>	<p>Project demonstrates playing with features in program to develop innovative products with three or more varying feature options using technology creatively.</p>	<p>a. Apply existing knowledge to generate new ideas, products, or processes.</p> <p>b. Create original works as a means of personal or group expression.</p> <p>c. Use models & simulations to explore complex issues.</p> <p>d. Identify trends & forecast possibilities.</p>	<p>Add drawings or other visual displays to descriptions when appropriate to clarify ideas, thoughts, and feelings (CCSS.ELA LITERACY.SL.1.5).</p>	
<p>Communication and Collaboration</p> <p>Online publishing.</p> <p>Communicating to multiple audiences.</p> <p>Collaborating.</p> <p>Developing cultural understanding.</p>	<p>Project demonstrates emerging level of digital media to communicate learning to single audience, and/or no collaboration used. <i>(ie multimedia presentations, podcasts, videocasts, social networks)</i></p>	<p>Project demonstrates acceptable use of digital media to communicate learning to two audiences, and/or project involves working collaboratively in person to support individual learning and contribute to the learning of others.</p>	<p>Project demonstrates exceptional use of digital media to communicate learning to multiple audiences, and/or project involves collaboration at a distance, to support individual learning, contribute to the learning of others, and develop cultural understanding.</p>	<p>a. Interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and media.</p> <p>b. Communicate information and ideas effectively to multiple audiences using a variety of media and formats.</p> <p>c. Develop a cultural understanding and global awareness by engaging with learners of other cultures.</p> <p>d. Contribute to project teams to produce original works or solve problems.</p>	<p>With guidance and support from adults, explore and use a variety of digital tools to produce and publish writing, including in collaboration with peers (CCSS.ELA-LITERACY.W.1.6).</p>	<p>Engage in activities with learners from a variety of cultures through electronic means (podcasts, video chats, distance learning, e-pals)</p> <p>Gather & share information and opinions as a result of communication with others (video/audio chat, interview, podcast, multi-media presentations)</p>

	Emerging 1	Proficient 2	Exceptional 3	ISTE Standards	Common Core Standards (LA, SS, Science, Technical)	NE Multiple Literacy Standards
<p>Research and Information Fluency</p> <p>Uses strategies to guide inquiry.</p> <p>Locates, evaluates, synthesizes information from a variety of sources.</p> <p>Reports results.</p>	<p>Project demonstrates use of minimum of one digital tool to gather information. <i>(ie searching one website to locate information)</i></p>	<p>Project demonstrates use of two or more sources, at least one being a digital tool, to gather and evaluate information. <i>(ie comparing two sources of information to confirm accuracy)</i></p>	<p>Project demonstrates use of three or more sources, at least one being a digital tool, to gather, evaluate, and report information. <i>(ie searching multiple online sites, offline books, interviews to locate information; evaluating accuracy of information; and/or reporting in multimedia format)</i></p>	<p>a. Plan strategies to guide inquiry.</p> <p>b. Locate, organize, analyze, evaluate, synthesize, and ethically uses information from a variety of sources and media.</p> <p>c. Evaluate and select information sources and digital tools based on the appropriateness to specific tasks.</p> <p>d. Process data and report results.</p>	<p>With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question (CCSS.ELA-LITERACY.W.1.8).</p> <p>Reads informational text which includes biographies and autobiographies; books about history, social studies, science, and the arts; technical texts, including directions, forms, and information displayed in graphs, charts, or maps; and digital sources on a range of topics (CCSS.ELA-LITERACY.RI.K-5range).</p>	<p>Identify resources to find information (print, electronic)</p> <p>Students will research, summarize, and communicate information in a variety of formats (textual, visual, & digital)</p>
<p>Critical Thinking, Problem Solving, and Decision Making</p> <p>Asks important questions.</p> <p>Makes plan to find solution.</p>	<p>Project demonstrates emerging use of critical thinking to ask question, solve problems, and/or make decisions using appropriate digital tools and resources. <i>(ie chosen image does not match text)</i></p>	<p>Project demonstrates acceptable use of critical thinking skills to plan & conduct research, solve problems, and/or make informed decisions using appropriate digital tools and resources. <i>(ie all elements of media match)</i></p>	<p>Project demonstrates high use of critical thinking skills to plan & conduct research, manage project, solve problems, and/or make informed decisions using appropriate digital tools and resources. <i>(ie dug further to find solutions)</i></p>	<p>a. Identify and define authentic problems and significant questions for investigation.</p> <p>b. Plan and manage activities to develop a solution or complete a project.</p> <p>c. Collect and analyze data to identify solutions and/or make informed decisions.</p> <p>d. Use multiple processes and diverse perspectives to explore alternative solutions.</p>	<p>1-Know and use various text features (e.g., headings, tables of contents, glossaries, electronic menus, icons) to locate key facts or information in a text (CCSS.ELA-LITERACY.RI.1.5).</p>	

	Emerging 1	Proficient 2	Exceptional 3	ISTE Standards	Common Core Standards (LA, SS, Science, Technical)	NE Multiple Literacy Standards
<p>Digital Citizenship</p> <p>Responsible use of online resources.</p> <p>Positive use of technology for collaboration, learning, and productivity.</p>	<p>Project demonstrates an emerging use of safety precautions, mostly positive attitude and use of technology, and/or leadership, when using online resources. When appropriate, uses sources but no sources noted.</p>	<p>Project demonstrates acceptable use of safety precautions, positive attitude and use of technology, leadership, and/or ethical guidelines when using online resources. When appropriate, sources could be noted orally.</p>	<p>Project demonstrates exceptional use of safety precautions, very positive attitude and use of technology, leadership, and/or follows legal and ethical guidelines when using online sources. When appropriate, sources noted in writing.</p>	<p>a. Advocate and practice safe, legal, and responsible use of information and technology.</p> <p>b. Exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity.</p> <p>c. Demonstrate personal responsibility for lifelong learning.</p> <p>d. Exhibit leadership for digital citizenship.</p>	<p>With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question (CCSS.ELA-LITERACY.W.1.8).</p>	<p>Demonstrate understanding of authorship of print & online resources</p> <p>Demonstrate awareness of and practice safe behaviors when communicating & interacting with others (safe information to share online)</p>
<p>Technology Operations and Concepts</p> <p>Effective use of technology.</p> <p>Transfer knowledge to learn new technologies.</p>	<p>Project demonstrates emerging use of required technology. Able to use it but errors may be present. <i>(ie picture half off screen)</i></p>	<p>Project demonstrates acceptable use of required technology. Able to correctly use the available technology. <i>(ie puppet stays on screen and moves when speaking)</i></p>	<p>Project demonstrates an exceptional use of technology. Uses a new feature of the technology or uses it in a new way. Where appropriate student-transferred knowledge to new technologies. <i>(ie using iPad to take picture in new environment)</i></p>	<p>a. Understand and use technology systems.</p> <p>b. Select and use applications effectively and productively.</p> <p>c. Troubleshoot systems and applications.</p> <p>d. Transfer current knowledge to learning of new technologies.</p>		
Point Total						

International Society for Technology in Education student standards: <http://www.iste.org/standards/nets-for-students/nets-student-standards-2007.aspx>

Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects: http://www.corestandards.org/assets/CCSSI_ELA%20Standards.pdf

Nebraska State Multiple Literacy Standards: <http://nlc1.nlc.state.ne.us/epubs/E2000/R059-2009.pdf>