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## Tech EDGE Student Rubric Grades 2-3


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## Grades 2-3 Tech EDGE Student Rubric

Subject \_\_\_\_\_ Project \_\_\_\_\_ Objective \_\_\_\_\_

	<b>Emerging 1</b>	<b>Proficient 2</b>	<b>Advanced 3</b>	<b>ISTE Standards</b>	<b>Common Core Standards (LA, SS, Science, Technical)</b>	<b>NE Multiple Literacy Standards</b>
<p><b>Creativity and Innovation</b></p> <p>Generates new ideas.</p> <p>Creates original work.</p> <p>Makes predictions.</p>	<p>Project demonstrates use of single option of feature 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 varying feature options using technology.</p>	<p>Project demonstrates playing with options 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 &amp; simulations to explore complex issues.</p> <p>d. Identify trends &amp; forecast possibilities.</p>	<p>Create audio recordings of stories or poems; add drawings or other visual displays to stories or recounts of experiences when appropriate to clarify ideas, thoughts, and feelings (CCSS-ELA.LITERACY.SL.2.5).</p> <p>Add visual displays when (reporting knowledge) to emphasize or enhance certain facts or details (CCSS.ELA-LITERACY.SL.3.5).</p>	
<p><b>Communication and Collaboration</b></p> <p>Online publishing.</p> <p>Communicating to/with 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, use a variety of digital tools to produce and publish writing, including in collaboration with peers; as well as to interact and collaborate with others (CCSS.ELA-LITERACY.W.2.6)</p> <p>Use glossaries or beginning dictionaries, both print and digital, to determine or clarify the precise meaning of key words and phrases (CCSS.ELA-LITERACY.L.3.4.D).</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 &amp; share information and opinions as a result of communication with others (video/audio chat, interview, podcast, multi-media presentations)</p> <p>Use social networks and information tools to gather &amp; share information (social bookmarking, online collaborative tools)</p>

	<b>Emerging 1</b>	<b>Proficient 2</b>	<b>Exceptional 3</b>	<b>ISTE Standards</b>	<b>Common Core Standards (LA, SS, Science, Technical)</b>	<b>NE Multiple Literacy Standards</b>
<p><b>Research and Information Fluency</b></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>Recall information from experiences or gather information from print and digital sources; take brief notes on sources and sort evidence into provided categories (CCSS.ELA-LITERACY.W.3.8).</p> <p>Reads informational text which includes biographies/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>Know and use various text features (e.g., captions, bold print, subheadings, glossaries, indexes, electronic menus, icons) to locate key facts or information in a text efficiently (CCSS.ELA-LITERACY.RI.2.5).</p> <p>Add visual displays when (reporting knowledge) to emphasize or enhance certain facts or details (CCSS.ELA-LITERACY.SL.3.5).</p> <p>Conduct short research projects using several sources to build knowledge through investigation (CCSS.ELA-LITERACY.W.3.7).</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, &amp; digital)</p> <p>Use resources to answer guiding questions (print, electronic)</p>

	<b>Emerging 1</b>	<b>Proficient 2</b>	<b>Exceptional 3</b>	<b>ISTE Standards</b>	<b>Common Core Standards (LA, SS, Science, Technical)</b>	<b>NE Multiple Literacy Standards</b>
<p><b>Critical Thinking, Problem Solving, and Decision Making</b></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 &amp; resources. <i>(ie chosen image does not match text)</i></p>	<p>Project demonstrates acceptable use of critical thinking skills to plan &amp; conduct research, solve problems, and/or make informed decisions using appropriate digital tools &amp; resources. <i>(ie all elements of media match)</i></p>	<p>Project demonstrates high use of critical thinking skills to plan &amp; conduct research, solve problems, and/or make informed decisions using appropriate digital tools &amp; 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>Use text features and search tools (e.g., key words, sidebars, hyperlinks) to locate information relevant to a given topic efficiently (CCSS.ELA-LITERACY.RI.3.5).</p>	
<p><b>Digital Citizenship</b></p> <p>Responsible use of online resources.</p> <p>Positive use of technology for collaboration, learning, and productivity.</p> <p>Ethical and legal use of information.</p> <p>Online safety.</p>	<p>Project demonstrates emerging use of safety precautions, mostly positive attitude &amp; 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>Recall information from experiences or gather information from print and digital sources; take brief notes on sources and sort evidence into provided categories (CCSS.ELA-LITERACY.W.3.8).</p>	<p>Discuss ethical &amp; legal use of information</p> <p>Practice safe behaviors when communicating and interacting with others (safe information to share online)</p>

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<b>Technology Operations and Concepts</b>  Effective use of technology.  Transfer knowledge to learn new technologies.  Keyboarding skills.	Project demonstrates emerging use of required technology. Able to use it but errors may be present. <i>(ie picture half off screen)</i>	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>	Project demonstrates 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>	a. Understand and use technology systems.  b. Select and use applications effectively and productively.  c. Troubleshoot systems and applications.  d. Transfer current knowledge to learning of new technologies.	Use keyboarding skills to produce writing (CCSS.ELA-LITERACY.W.3.6).  Create engaging audio recordings of stories or poems that demonstrate fluid reading at an understandable pace (CCSS.ELA.LITERACY.SL.3.5).	
<b>Point Total</b>						

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- **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](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>