Technology Standards

**1.** **Creativity and Innovation**

Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Students:

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| a. | Apply existing knowledge to generate new ideas, products, or processes. |
| b. | Create original works as a means of personal or group expression. |
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**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. Students:

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| a. | Interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and media. |
| b. | Communicate information and ideas effectively to multiple audiences using a variety of media and formats. |
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**3.** **Research and Information Fluency**

Students apply digital tools to gather, evaluate, and use information. Students:

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| a. | Plan strategies to guide inquiry. |
| b. | Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media. |
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**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. Students:

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| a. | Identify and define authentic problems and significant questions for investigation. |
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| c. | Collect and analyze data to identify solutions and/or make informed decisions. |
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**5.** **Digital Citizenship**   Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. Students:

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| a. | Advocate and practice safe, legal, and responsible use of information and technology. |
| b. | Exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity. |
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**6.** **Technology Operations and Concepts**   Students demonstrate a sound understanding of technology concepts, systems, and operations. Students:

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| a. | Understand and use technology systems. |
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