

# Grade 8

Adopted 2015

## Research and Digital Literacy

### **1: Students use technology to locate, organize, evaluate and analyze information.** ET.RL.1

1. Implement a plan for conducting a search of electronic resources for a given task. 8.ET.RL.1.1
2. Evaluate and cite digital based on the appropriateness to specific tasks. 8.ET.RL.1.2

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### **2: Students determine the reliability and relevancy of information.** ET.RL.2

1. Analyze online sources for accuracy, authority, comprehensiveness, and currency. 8.ET.RL.2.1

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## Critical Thinking, Problem-Solving and Decision-Making

### **1: Students analyze the relationship of technology in careers, communities, and society.** ET.CT.1

1. Analyze how careers have changed due to the progression of technology. 8.ET.CT.1.1

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### **2: Students demonstrate the design process through problem solving.** ET.CT.2

1. Apply a selected design process to a student-identified problem. 8.ET.CT.2.1

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### **3: Students evaluate and select technology tools based on the specific tasks.** ET.CT.3

1. Develop, analyze, and integrate a repertoire of strategies to apply new technologies to tasks. 8.ET.CT.3.1

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## Digital Citizenship

### **1: Students analyze the safe, ethical, legal, and societal issues related to technology.** ET.DC.1

1. Outline the components and purpose of acceptable use and other technology policies. 8.ET.DC.1.1
  2. Analyze risks and consequences of sharing information online. 8.ET.DC.1.2
  3. Advocate for the importance of a positive digital footprint. 8.ET.DC.1.3
  4. Apply concepts of positive digital relations to online relationships. 8.ET.DC.1.4
  5. Analyze security vulnerabilities to protect personal privacy. 8.ET.DC.1.5
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## Technology Operations and Concepts

### 1: Students interpret the history and progression of technology. ET.OC.1

1. Critique the progression of technology systems and peripherals to improve the user experience. 8.ET.OC.1.1
  2. Predict the effects that may result from society's increasing reliance on technology. 8.ET.OC.1.2
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### 2: Students analyze the parts of a technological system. ET.OC.2

1. Compare the effect one system has on another system. 8.ET.OC.2.1
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### 3: Students demonstrate skills in utilizing technological systems. ET.OC.3

1. Implement grade-level appropriate technology vocabulary. 8.ET.OC.3.1
  4. Demonstrate ways to present and publish information using a variety of applications. 8.ET.OC.3.4
  5. Practice the use of keyed technology into any learning environment. 8.ET.OC.3.5
  6. Demonstrate the ability to locate and use documentation and online resources to help solve hardware/software problems. 8.ET.OC.3.6
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## Creativity and Innovation

### 1: Students use technology to generate ideas and promote creativity. ET.CI.1

1. Recommend and integrate applications that could be extended to other situations. 8.ET.CI.1.1
  2. Demonstrate the ability to utilize virtual learning environments to generate ideas and promote creativity. 8.ET.CI.1.2
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## Communication and Collaboration

### 1: Students use technology to communicate with others. ET.CC.1

1. Evaluate a variety of communication tools to effectively and efficiently publish information. 8.ET.CC.1.1
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### 2: Students use technology to collaborate for an identified purpose. ET.CC.2

1. Evaluate effective collaborative technology to manage interpersonal communication and information. 8.ET.CC.2.1