

# Grade 2

Adopted 2007

## Nature, Concepts and Systems (systems thinking, interactions, and design)

**1: Students understand the history and progression of technology in relation to the development and design of future technology.**

1. Describe the progression of technology. [2.NC.1.1](#)
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**2: Students analyze the parts of a technological system in terms of input, process, output, and feedback.**

1. Define each component in a systems-thinking model. [2.NC.2.1](#)
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**3: Students analyze the relationships and the connections between technologies in different fields of study and how they apply to communities.**

1. Classify whether technologies are used in the home, school, or community. [2.NC.3.1](#)
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**4: Students understand the purpose and demonstrate the use of the design process in problem solving.**

1. Choose among given alternatives to solve a problem. [2.NC.4.1](#)
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## Social Interactions in Information & Communication Technology

**1: Students understand the safe, ethical, legal, and societal issues related to technology.**

1. Describe ownership rights of technology-created work (copyright). [2.SI.1.1](#)
  2. Utilize appropriate and safe technology behaviors. [2.SI.1.2](#)
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**2: Students investigate the advantages and disadvantages of technology.**

1. Identify advantages of tools/technology in the community. [2.SI.2.1](#)
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## Information & Communication Technology Tools

**1: Students recognize and demonstrate skills in operating technological systems.**

1. Demonstrate saving and retrieving a file to/from a specified, existing folder with assistance. [2.CT.1.1](#)
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**2: Students use technology to enhance learning, extend capability, and promote creativity.**

1. Use a directed variety of media for learning activities. [2.CT.2.1](#)

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**3: Students evaluate and select information tools based on the appropriateness to specific tasks**

1. Select an appropriate tool for a task given a list of technologies. **2.CT.3.1**
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**Information &  
Communication  
Technology Processes**

**1: Students understand the purpose of information technologies to communicate with a variety of collaborators.**

1. With assistance, demonstrate the ability to work with others when using technology tools to convey ideas or illustrate simple concepts. **2.CP.1.1**
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**2: Students exchange information and ideas for an identified purpose through Information Technologies.**

1. Use information technologies to communicate and share an idea, with assistance. **2.CP.2.1**
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**Information Literacy**

**1: Students use technology to locate and acquire information.**

1. Select from several teacher-selected internet sites to locate information. **2.IL.1.1**
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**2: Students determine the reliability and relevancy of Information**

1. Distinguish among fact, fiction, and opinion. **2.IL.2.1**