

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**

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**

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**

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**

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**

2: Students investigate the advantages and disadvantages of technology.

1. Identify advantages of tools/technology in the community. **2.SI.2.1**

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**

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**

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