

Grade 1

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. Distinguish between the natural and human-made world. [1.NC.1.1](#)
2. Describe how people use tools. [1.NC.1.2](#)

2: Students analyze the parts of a technological system in terms of input, process, output, and feedback.

1. Identify common systems in school and home. [1.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. Illustrate technologies used at school. [1.NC.3.1](#)

4: Students understand the purpose and demonstrate the use of the design process in problem solving.

1. Use a simplified version of the design process to solve problems. [1.NC.4.1](#)

Social Interactions in Information & Communication Technology

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

1. Identify ownership rights of student-created work. [1.SI.1.1](#)
2. Identify safe technology behaviors. [1.SI.1.2](#)

2: Students investigate the advantages and disadvantages of technology.

1. List advantages of tools/technology at home and at school. [1.SI.2.1](#)

Information & Communication Technology Tools

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

1. Use basic file management commands (New, Open, Save, Print). [1.CT.1.1](#)
2. Use letters, numbers, and special keys on the keyboard. [1.CT.1.2](#)

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

1. Describe five technology tools and their uses. [1.CT.3.1](#)
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**Information &
Communication
Technology Processes**

2: Students exchange information and ideas for an identified purpose through Information Technologies.

1. Students are able to identify alternative devices or method for communicating and idea. **1.CP.2.1**
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Information Literacy

1: Students use technology to locate and acquire information.

1. Identify where information can be found. **1.IL.1.1**