

Grade 1

Communication and Collaboration Strand

1 Communicate information both individually and collaboratively. SC.1.CC.1

- 1 Communicate and collaborate with teachers and other students with and without the use of technology. SC.1.CC.1.1

Personal Health and Safety Strand

1 Determine and explain safe and healthy Internet practices. SC.1.HS.1

- 1 Define and recognize the risks of Internet usage. SC.1.HS.1.1
- 2 Explain the need for adult permission before using a network-capable device. SC.1.HS.1.2
- 3 Recognize why student identification is considered secure information. SC.1.HS.1.3

2 Discuss how the use of digital devices can affect your health. SC.1.HS.2

- 1 Define and discuss what makes a healthy balance between unplugged activities and time spent on a digital device. SC.1.HS.2.1

Computing Components Strand

1 Differentiate and utilize computer components. SC.1.CO.1

- 1 Recognize and operate different types of computer components. SC.1.CO.1.1
- 2 Create and review projects using digital tools. SC.1.CO.1.2
- 3 Identify tools that can be used for data collection. SC.1.CO.1.3
- 4 Identify tools that can be used for sharing information. SC.1.CO.1.4
- 5 Demonstrate how to complete a task using a digital device. SC.1.CO.1.5
- 6 Discuss the importance of saving digital work. SC.1.CO.1.6
- 7 Use the keyboard of a computer to write consonant-vowel-consonant (CVC) and consonant-vowel-consonant-e (CVCe) words. SC.1.CO.1.7
- 8 Type a username and password accurately. SC.1.CO.1.8
- 9 Recognize and operate different types of computer applications. SC.1.CO.1.9
- 10 Create multimedia files. SC.1.CO.1.10
- 11 Demonstrate proper care for electronic devices. SC.1.CO.1.11

Programming and Software Engineering Strand

1 Demonstrate that coding is developing a set of instructions. SC.1.PE.1

- 1 Explain that a computer program can only follow a set of instructions made by people to complete a task. SC.1.PE.1.1

2 Recognize types of data. SC.1.PE.2

- 1 Determine what makes data important. SC.1.PE.2.1
- 2 Sort data using visual representation tools. SC.1.PE.2.2
- 3 Recognize the type of data needed to be collected and use it to solve a specific problem using models. SC.1.PE.2.3

3 Recognize problem-solving strategies. SC.1.PE.3

- 1 Create a pattern that can be repeated to complete a task. Example: What numbers can you repeatedly add to each other to get to 100? SC.1.PE.3.1
- 2 Extend a repeated pattern. SC.1.PE.3.2
- 3 Describe how data collected from models can be used to solve real-world problems. SC.1.PE.3.3

**Technological Impact
Strand****1 Comparing technological progress over time.** SC.1.TI.1

- 1 Discuss that individuals can use computing technology in the workplace or school to perform many important tasks and functions. SC.1.TI.1.1
- 2 Explore that individuals can use computing technology at home to perform many important tasks and functions. SC.1.TI.1.2
- 3 Explore Artificial Intelligence (AI)-powered devices. SC.1.TI.1.3

2 Recognize the importance of accurate information. SC.1.TI.2

- 1 Identify why personal information should be kept private. SC.1.TI.2.1
- 2 Compare information from two different digital resources on the same topic to confirm accuracy. SC.1.TI.2.2