

Computer Science: 3-5

Computer Systems and Computational Thinking

- 1 Verbalize the steps to solve a problem. [CS.3-5.1](#)
- 2 Work together in a team to solve a problem. [CS.3-5.2](#)
- 3 Identify various components and functions of technology. [CS.3-5.3](#)

Networks and Cyber Infrastructure

- 4 Identify various components and functions of computers and technology. [CS.3-5.4](#)
- 5 Utilize appropriate digital tools for connecting people through network/Internet. [CS.3-5.5](#)
- 6 Identify the importance of staying safe while using family- and educator-approved Internet sites. [CS.3-5.6](#)

Data and Information

- 7 Collect and organize data using appropriate digital tool. [CS.3-5.7](#)
- 8 Analyze, interpret, and communicate data to support or refute a claim. [CS.3-5.8](#)

Programming and Algorithms

- 9 With support and guidance, analyze and write the steps to solve problems. [CS.3-5.9](#)
- 10 Understand how to decompose a larger problem into smaller sub-problems using sequences, events, loops, and conditionals. [CS.3-5.10](#)
- 11 With support and guidance, design, create, test, and debug procedures/algorithms. [CS.3-5.11](#)

Impacts of Computing

- 12 Research and discuss how technology has changed over time. [CS.3-5.12](#)
- 13 Identify ways that technology can assist with their daily life. [CS.3-5.13](#)
- 14 With guidance and support, brainstorm ways to improve the accessibility and usability of technology products for the diverse needs and wants of others. [CS.3-5.14](#)