

Grades 3, 4, 5

Adopted 2017

Information and Communication

1. Explore a variety of appropriate technologies and research techniques that can assist with the learning process. [TCS.3-5.1](#)
2. Recognize and utilize the features, terminology, and functions of a variety of technology tools. [TCS.3-5.2](#)
3. Evaluate digital sources for accuracy, perspective, credibility, and relevance. [TCS.3-5.3](#)
4. Create original work through the use of age-appropriate technology and digital tools. [TCS.3-5.4](#)
5. Utilize embedded digital tools for feedback. [TCS.3-5.5](#)
6. Organize and represent data for data analysis, modeling, and algorithmic thinking. [TCS.3-5.6](#)
7. Use appropriate technology to transfer learning to a variety of tools or learning environments. [TCS.3-5.7](#)
8. Demonstrate creativity and learning through technology (e.g., digital storytelling, keyboarding, portfolio creation, digital media displays, and other media, etc.). [TCS.3-5.8](#)
9. Explore multiple ways to share ideas and information about themselves and the world around them, considering the expected audience. [TCS.3-5.9](#)
10. Communicate with others through the use of technology. [TCS.3-5.10](#)
11. Connect with others and explore different points of view on various topics through the use of age-appropriate technology resources. [TCS.3-5.11](#)

Computational Thinking

12. Research information on topics of interest through the use of age-appropriate technology and digital resources. [TCS.3-5.12](#)
13. Deepen learning across content areas through the use of age-appropriate technology and digital resources. [TCS.3-5.13](#)
14. Select appropriate technology tools to solve problems and communicate information. [TCS.3-5.14](#)

15. Break down problems into smaller parts, identify key information, and propose solutions through the use of age-appropriate technology and digital resources. TCS.3-5.15

16. Use appropriate digital and non-digital tools to plan and manage a design process. TCS.3-5.16

17. Revise and repurpose ongoing work as applicable. TCS.3-5.17

18. Understand and explore basic concepts related to automation, patterns, and algorithmic thinking. TCS.3-5.18

Digital Citizenship

19. Demonstrate responsible use of technology (i.e., seek guidance and appropriate support when selecting digital content, understand how to be safe online, follow safety rules when using media, etc.). TCS.3-5.19

20. Practice using safe, legal, and ethical behavior when using technology and interacting online. TCS.3-5.20

21. Collaborate with peers, teams, and individuals within their communities, homes, and in a global society through the use of age-appropriate technology. TCS.3-5.21

22. Demonstrate an understanding of the role an online identity plays in the digital world and learn the permanence of decisions made when interacting online. TCS.3-5.22

23. Demonstrate appropriate methods of sharing personal data online and how to keep personal data private. TCS.3-5.23

24. Demonstrate responsible use of technology by respecting intellectual property with both print and digital media when using and sharing the work of others. TCS.3-5.24