

# 5-6

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1. Basic Operations and Concepts
  3. Technology Productivity Tools
  5. Technology Research Tools
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2. Social, Ethical, and Human Issues
  4. Technology Communication Tools
  6. Technology Problem-solving and Decision Making
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\* All grades need to practice and extend competencies of previous grade levels.

\* Numbers in parenthesis after the benchmark indicate coordinating standard(s).

## Grade 5

1. Use keyboards and other common input/output devices efficiently and effectively. (1)
2. Discuss common uses of technology in daily life (advantages and disadvantages). (1, 2)
3. Discuss basic issues related to responsible use of technology and information and describe personal consequences of inappropriate use. (2)
4. Extend the use of technology tools to support personal productivity, remediate skill deficits, and facilitate learning throughout the curriculum (ex. word processing, graphics, charts, tables, Cornerstone). (3)
5. Determine which technology is useful and select the appropriate tool(s) and technology resources to address a variety of tasks and problems. (5, 6)
6. Evaluate the accuracy, relevance, appropriateness, comprehensiveness, and bias of electronic information sources. (6)
7. Use telecommunications to investigate curriculum related problems, issues, and information (ex. Internet, Virtual Field Trips). (4, 5)

## Grade 6

1. Demonstrate an understanding of concepts underlying hardware, software, and connectivity, and of practical applications to learning and problem solving. (1)
2. Awareness of current changes in information technologies and the effect those changes have on society.
3. Develop basic trouble-shooting skills. (1)
4. Exhibit legal and ethical behaviors when using information and technology and discuss consequences of misuse. (2)
5. Design, develop, publish and present products using technology resources that demonstrate and communicate concepts to audiences. (4, 5, 6)
6. Research and evaluate the accuracy, relevance, appropriateness, comprehensiveness, and bias of electronic information sources. (2, 3, 5, 6)
7. Select and use appropriate tools and technology resources to accomplish a variety of tasks and solve problems. (5, 6)
8. Use telecommunications and online resources to participate in collaborative problem-solving activities for the purpose of developing solutions or products for audiences. (3, 4, 5)