

PCS Technology Education Curriculum Standards
Standard 6: Grades 6–8
(Last Updated 2011)

| | GRADE 6 | GRADE 7 | GRADE 8 |
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| 6. Technology Operations & Concepts Students demonstrate a sound understanding of technology concepts, systems, and operations. | | | |
| A. Students will understand and use technology systems | | | |
| TECHNOLOGY SYSTEMS | TE 6.6.1.a. Use a variety of technology interfaces (e.g., computer, printer, Internet-connected mobile devices) and demonstrate an understanding of how they interact with local and wide area networks. TE 6.6.1.b. Explore and apply a variety of technology systems and resources to complete learning tasks. TE 6.6.1.c. Use multiple file types and their related software applications. | TE 7.6.1.a. Use a variety of technology interfaces and operating systems (e.g., computer, printer, Internet-connected mobile devices) and demonstrate an understanding of how they interact with local and wide area networks. TE 7.6.1.b. Explore and apply a variety of technology systems and resources to complete learning tasks. TE 7.6.1.c. Use multiple file types and their related software applications. | TE 8.6.1.a. Use a variety of technology interfaces and operating systems (e.g., computer, printer, Internet-connected mobile devices) and demonstrate an understanding of how they interact with local and wide area networks. TE 8.6.1.b. Apply technology systems and resources to complete learning activities. TE 8.6.1.c. Use multiple file types and their related software applications. |
| B. Students will select and use applications effectively and productively | | | |
| APPLICATIONS | TE 6.6.2.a. Apply teacher criteria for selecting an appropriate technology application for use with a learning activity. TE 6.6.2.b. Use the application proficiently to complete the task. TE 6.6.2.c. Discuss its efficiency and effectiveness. | TE 7.6.2.a. Independently develop and apply criteria for selecting a digital application to accomplish a specific real-world task. TE 7.6.2.b. Compare and contrast the efficiency and effectiveness of several applications. TE 7.6.2.c. Justify the appropriateness of an application. | TE 8.6.2.a. Independently develop and apply criteria for selecting a digital application to accomplish a specific real-world task. TE 8.6.2.b. Compare and contrast the efficiency and effectiveness of several applications. TE 8.6.2.c. Justify the appropriateness of an application. |
| C. Students will troubleshoot systems and applications | | | |
| TROUBLESHOOTING | TE 6.6.3.a. Determine the source of common operational and network problems (e.g., loss of connectivity, frozen screen, printing problems, reloading) and troubleshoot to solve them. | TE 7.6.3.a. Determine the source of common operational and network problems (e.g., loss of connectivity, frozen screen, printing problems, reloading) and troubleshoot to solve them. | TE 8.6.3.a. Determine the source of common operational and network problems (e.g., loss of connectivity, frozen screen, printing problems, reloading) and troubleshoot to solve them. |

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| TRANSFER KNOWLEDGE | D. Students will transfer current knowledge to learning of new technologies | | |
| | TE 6.6.4.a. Apply basic concepts and functions (e.g., multiple windows, editing functions, navigational tools, help/assistance) from previous learning to new technologies and situations. | TE 7.6.4.a. Develop and apply strategies for systematically learning new technologies and advanced features of current technologies. | TE 8.6.4.a. Develop and apply strategies for systematically learning new technologies and advanced features of current technologies. |