



Maryland Technology Literacy Standards for Students

Standard 1.0 – Technology Systems: Develop foundations in the understanding and uses of technology systems

Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
<p>A. Systems</p> <p>1. Demonstrate knowledge of technology concepts and systems</p> <p>a) Understand that there are correct sitting, hand, arm, and fingering positions when keyboarding</p> <p>b) Identify types of files by their icons and extensions</p> <p>c) Identify strategies for managing everyday hardware and software problems</p>	<p>A. Systems</p> <p>1. Demonstrate knowledge of technology systems</p> <p>a) Understand that there are correct sitting, hand, arm, and fingering positions when keyboarding</p> <p>b) Identify types of files by their icons and extensions</p> <p>c) Identify strategies for managing everyday hardware and software problems</p>	<p>A. Systems</p> <p>1. Demonstrate knowledge of technology systems</p> <p>a) Use keyboard and mouse effectively and efficiently</p> <p>b) Identify types of files by their icons and extensions</p> <p>c) Identify strategies for managing everyday hardware and software problems</p>	<p>A. Systems</p> <p>1. Demonstrate knowledge of technology systems</p> <p>a) Explain how network resources are accessed, controlled, connected, and used effectively and efficiently (e.g., FTP/Web publishing, wireless networks, USB, firewire, etc.)</p> <p>b) Use keyboard and mouse effectively and efficiently</p> <p>c) Apply utility programs to convert formats, as necessary, for effective use in Web, video, audio, graphic, presentation, word-processing, database, publication, and spreadsheet applications</p> <p>d) Describe strategies for identifying, solving, and preventing routine hardware and software problems that occur during everyday technology use</p>	<p>A. Systems</p> <p>1. Demonstrate knowledge of technology systems</p> <p>a) Explain how network resources are accessed, controlled, connected, and used effectively and efficiently (e.g., FTP/Web publishing, wireless networks, USB, firewire, etc.)</p> <p>b) Use keyboard and mouse effectively and efficiently</p> <p>c) Apply utility programs to convert formats, as necessary, for effective use in Web, video, audio, graphic, presentation, word-processing, database, publication, and spreadsheet applications</p> <p>d) Describe strategies for identifying, solving, and preventing routine hardware and software problems that occur during everyday technology use</p>
<p>Fundamental software operations should be mastered by the end of second grade. All software programs will have features that are unique to the program, however the basics for operation should be the same.</p>				
<p>Specific computer skills can be found in the companion document – Computer Literacy Skills.</p>				