

Trinity Area School District

Course: Elementary Technology Grade: K	Overview of Course: Elementary technology in Kindergarten focuses on understanding the basics of using computers. The emphasis is on effectively controlling the mouse, understanding the location of computer parts, navigating the desktop and internet, using basic software applications, and safely using the internet.
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Overarching Big Ideas, Enduring Understandings, and Essential Questions

Big Idea	Standard(s) Addressed	Enduring Understanding(s)	Essential Question(s)
Digital Citizenship	15.4.2.B Demonstrate responsible use of technology and equipment.	It is important to be responsible when handling technology equipment and when using software and applications. Being safe online is essential.	How do you use computer equipment properly? How do you responsibly use computer programs? What things should you do to stay safe online?
Equipment	15.4.2.C With prompting and support, identify peripheral devices of computer system including input and output devices. 15.4.2.D Demonstrate the correct use of simple input technologies (e.g., mouse, touch screen, microphone, etc.).	In order to effectively use a computer, you must understand the basic layout and functions.	<i>How do you turn on the computer and monitor and can you describe the power symbol?</i> What are ways to effectively use the mouse and keyboard?

Big Ideas, Enduring Understandings, and Essential Questions Per Unit of Study

Title of Unit	Big Idea(s)	Standard(s) Addressed	Enduring Understanding(s)	Essential Question(s)
Internet Navigation	Interactions	15.6.2.L With help and support, use web browser to locate content specific websites.	All internet browsers share similar features.	<i>How do you use the browser icons (buttons)?</i>
Digital Design: Microsoft Paint	Discovery Creativity Patterns	15.4.2.G With help and support, select and use various software/applications for an intended purpose.	Creating products with Paint increases hand-eye coordination and provides visual representation of the user's imagination. All Microsoft programs share similar icons to perform tasks.	<i>How do you use the program icons (buttons)?</i> <i>Can you follow the cursor (pointer) as you move the mouse?</i> How are the icons (buttons) in Microsoft Paint similar to those found in other Microsoft products?
Desktop Skills	Security Systems Patterns	15.4.2.B Demonstrate responsible use of technology and equipment. 15.4.2.D Demonstrate the correct use of simple input technologies (e.g., mouse, touch screen, microphone, etc.).	In order to keep information private, one must secure his profile with a username and password and log off when finished. Computer operating systems have various icons that perform specific functions.	<i>How do you log in with a username and password?</i> <i>How do you log off?</i> <i>What icon(s) open or close programs and applications?</i> <i>How do you change the volume?</i>
Keyboarding	Patterns	15.4.2.D Demonstrate the correct use of simple input technologies (e.g., mouse, touch screen, microphone, etc.).	To input data, one can use the keyboard.	<i>Can you find the location of letters and special characters?</i>

Title of Unit	Big Idea(s)	Standard(s) Addressed	Enduring Understanding(s)	Essential Question(s)
Word Processing	Perspective	<p>15.4.2.G With help and support, select and use various software/applications for an intended purpose.</p> <p>CC.1.4.K.U With guidance and support, explore a variety of digital tools to produce and publish writing or in collaboration with peers.</p>	You can change the appearance of a document by formatting the font.	What are ways to change what the font looks like?
Digital Design: PowerPoint	Discovery Creativity Patterns	<p>15.4.2.G With help and support, select and use various software/applications for an intended purpose.</p>	<p>All Microsoft programs share similar icons to perform tasks.</p> <p>People can share information through visual presentations.</p>	<p><i>How do you use the program icons (buttons)?</i></p> <p><i>How is moving through the slides when making a project different than during a presentation?</i></p> <p><i>How do you type sentences in a textbox using shift and punctuation?</i></p> <p>What are ways to search for and manipulate (change) clipart?</p> <p>How are the icons (buttons) in Microsoft PowerPoint similar to those found in other Microsoft products?</p>