

**Trinity Area School District  
Template for Curriculum Mapping**

<b>Course: Computer 6</b> <b>Grade: 6</b> <b>Designer(s):</b>	<b>Overview of Course</b> (Briefly describe what students should understand and be able to do as a result of engaging in this course): <b>The 6<sup>th</sup> grade Computer class is a nine week course that will provide foundation skills to enable students to efficiently, effectively and responsibly utilize technology. The technology curriculum emphasizes skills to collaborate, problem-solve and communicate in an ever changing global world.</b>
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**Overarching Big Ideas, Enduring Understandings, and Essential Questions**  
(These “spiral” throughout the entire curriculum.)

<b>Big Idea</b>	<b>15.4.8. A.</b>	<b>Enduring Understanding(s)</b>	<b>Essential Question(s)</b>
<b>Technology</b>	Analyze the influence of emerging technologies on daily life.	<ul style="list-style-type: none"> <li>Effective use of technology enables us to live, learn, and work.</li> </ul>	<ul style="list-style-type: none"> <li>How can I use technology to be productive and solve problems?</li> </ul>
<b>Responsibility</b>	<b>15.4.8. B.</b> Interpret and apply appropriate social, legal, ethical, and safe behaviors of digital citizenship.	<ul style="list-style-type: none"> <li>There are responsibilities associated with the use of information.</li> </ul>	<ul style="list-style-type: none"> <li>What are the ethics and responsibilities associated with the use of information?</li> </ul>
<b>Communication</b>	<b>15.4.8. G.</b> Create an advanced digital project using appropriate software/application for an authentic task.	<ul style="list-style-type: none"> <li>Digital Media allows us to communicate with other people and communities.</li> </ul>	<ul style="list-style-type: none"> <li>How can I use digital media to communicate with others?</li> </ul>
<b>Exploration</b>	<b>15.6.8. L.</b> Evaluate the accuracy and bias of online sources of information; appropriately cite online resources.	<ul style="list-style-type: none"> <li>A variety of skills and procedures facilitate research.</li> </ul>	<ul style="list-style-type: none"> <li>What skills and procedures are needed to gather information, solve problems, and conduct research?</li> </ul>
<b>Independent Exploratory</b>	15.4.8.D Create projects using emerging input technologies.	<ul style="list-style-type: none"> <li>Coding powers our digital world and makes programming an essential part of the 21<sup>st</sup> Century.</li> </ul>	<ul style="list-style-type: none"> <li>How does coding and programming enhance problem solving skills and build digital confidence?</li> </ul>

**Big Ideas, Enduring Understandings, and Essential Questions Per Unit of Study**  
(These do NOT “spiral” throughout the entire curriculum, but are specific to each unit.)

<b>Week of Instruction</b>	<b>Title of Unit</b>	<b>Big Idea(s)</b>	<b>Standard(s) Addressed</b>	<b>Enduring Understanding(s)</b>	<b>Essential Question(s)</b>
<b>1 Week</b>	<b>Internet Safety</b>	<b>Engagement</b>	<b>15.4.8. B.</b>	There are effective uses of social and cultural issues relating to Technology and Internet Safety.	What strategies can I apply for safe use of the internet?
<b>Throughout 9 Week Period</b>	<b>Keyboard Review</b>	<b>Repetition</b>	<b>15.4.8.A.</b>	Demonstrate proper keyboarding techniques, posture and correct hand placement at the computer workstation	How will keyboarding help me with my academics today and my career tomorrow?  How does touch typing increase productivity?
<b>Throughout 9 Week Period</b>	<b>Word Processing</b>	<b>Productivity</b>	<b>15.6.8.M.</b>	Demonstrate ability to format, save and print a document. Use word processing features; tables, columns, and graphics. Insert, size, crop and enhance a graphic into a word processing document.	How do you use the basic features of Microsoft Word to format documents?  How can a word processing software package be used to create, format, edit and save documents, memos and reports?
<b>3 Weeks</b>	<b>Digital Media</b>	<b>Innovation</b>	<b>15.4.8.G.</b>	Create multimedia presentations using appropriate tools, formulas and charts.	How can computer technology aide in the research and presentation of a topic?
<b>Throughout 9 Week Period</b>	<b>Programming</b>	<b>Creativity</b>	<b>15.4.8.G.</b>	Create a data model that describes a simple video game.	How does coding affect our digital world?

\* Some teachers may need to think about the assessments and resources used in order to determine the Big Ideas, Enduring Understandings, and Essential Questions embedded in their courses. At this point in your curriculum mapping, you might want to ignore the “Common Assessments” and “Common Resources Used” columns. However, you may use them if you wish.