

**Urbana School District #116  
SEVENTH GRADE CORE EXPECTATIONS**

**TECHNOLOGY**

**Domain One: Basic Operations and Concepts**

Basic Operations and Concepts	Seventh Grade
<p>A. Demonstrate a sound understanding of the nature and operation of technology systems.</p> <p>B. Are proficient in the use of technology</p>	<ul style="list-style-type: none"> <li>▪ Troubleshoot cables, connections, power sources (e.g., RAM size, hard drive space)</li> <li>▪ Demonstrate improvement in keyboarding proficiency</li> </ul>

**Domain Two: Social, Ethical and Human Issues**

Social, ethical, and human issues	Seventh Grade
<p>A. Understand the ethical, cultural, and societal issues related to technology</p> <p>B. Practice responsible use of technology systems, information, and software</p> <p>C. Develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits and productivity</p>	<ul style="list-style-type: none"> <li>▪ Recognize and practice procedures for safe computing</li> <li>▪ Adhere to copyright laws and District #116 AUP</li> <li>▪ Protect software and hardware from vandalism/damage</li> <li>▪ Cite sources according to teacher specified format</li> <li>▪ Demonstrate respect and privacy for the computer work of others</li> <li>▪ Practice safe and ethical procedures related to sharing personal information, including passwords</li> <li>▪ Recognize age-appropriate issues related to the use of technology and ethical</li> </ul>

**Domains Three and Four: Technology productivity and communication tools**

Technology productivity and communication tools	Seventh Grade
<p>A. Use technology tools to enhance learning, increase productivity, and promote creativity</p> <p>B. Use productivity and media tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other creative works</p> <p>C. Use telecommunications and a variety of media and formats to communicate information and ideas effectively with peers, experts, and other audiences.</p>	<ul style="list-style-type: none"> <li>▪ Apply basic formatting to documents (margins, page numbers, headers and footers)</li> <li>▪ Use find/replace and thesaurus</li> <li>▪ Use tables within a document</li> <li>▪ Use a spreadsheet to make predictions</li> <li>▪ Create a simple database from a template or wizard</li> <li>▪ Plan, create and present multimedia projects with text, sounds/clips, multiple slides/cards, and/or video clips</li> <li>▪ Use video or audio editing programs to edit captured media</li> <li>▪ Know appropriate type of graphic application to complete a given task (drawing, painting, or photo enhancement)</li> <li>▪ Use environmental probes, digital microscopes, and scientific calculators</li> <li>▪ Practice appropriate email netiquette</li> <li>▪ Demonstrate an awareness of ethical issues regarding email and engage in safe email practices</li> <li>▪ Create and publish a multiple link HTML document</li> <li>▪ Collaborate with peers and professionals outside school community using current technologies</li> </ul>

**Domain Five: Technology Research Tools**

Technology Research Tools	Seventh Grade
<ul style="list-style-type: none"><li>A. Use technology to locate, evaluate and collect information from a variety of sources</li><li>B. Use technology tools to process data and report results</li><li>C. Evaluate and select new information resources and technological innovations based on the appropriateness for specific tasks</li></ul>	<ul style="list-style-type: none"><li>▪ Use advanced search techniques (i.e. truncation and Boolean)</li><li>▪ Evaluate the relevance of a source of electronic and print information for a research topic</li></ul>

**Domain Six: Technology problem-solving and decision-making tools**

Technology problem-solving and decision-making tools	Seventh Grade
<ul style="list-style-type: none"><li>A. Use technology resources for solving problems and making informed decisions</li><li>B. Employ technology in the development of strategies for solving problems in the real world</li></ul>	<ul style="list-style-type: none"><li>▪ Use technology to implement a problem-solving model across the curriculum</li><li>▪ Locate various sources to compare information to make more informed decisions for consumer purchases</li></ul>