

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

TECHNOLOGY

Domain One: Basic Operations and Concepts

Basic Operations and Concepts	Fifth 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"> ▪ Define memory and storage and explain their roles ▪ Use file management including file, delete, copy, backup, save, folders/directories ▪ Organize files to be able to find work easily ▪ Use “Save As” appropriately (e.g., changing name, location, format) ▪ Recognize when and know how to force quit an application and/or restart the computer ▪ Continue to practice keyboarding skills (touch type full sentences)

Domain Two: Social, Ethical and Human Issues

Social, ethical, and human issues	Fifth 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"> ▪ Identify ways technology influences and changes the lives of people in communities ▪ Cite sources according to teacher specified format ▪ Demonstrate respect and privacy for the computer work of others ▪ Identify the consequences of violating the AUP ▪ Recognize safe and ethical procedures related to sharing personal information ▪ Recognize age-appropriate issues related to the use of technology

Domains Three and Four: Technology productivity and communication tools

Technology productivity and communication tools	Fifth 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"> ▪ Create formal and informal reports ▪ Use the thesaurus to change a word in a word processing document ▪ Enter data into a spreadsheet ▪ Gather data and enter into a spreadsheet ▪ Design a graph using gathered data ▪ Define and describe a computerized database ▪ Create, edit and revise a simple (3 slide) multi-media presentation ▪ Use basic edit tools in drawing and painting (e.g., select, add color and pattern, resize, erase) ▪ Use a digital microscope ▪ Use mathematical calculators

Domain Five: Technology Research Tools

Technology Research Tools	Fifth Grade
<p>A. Use technology to locate, evaluate and collect information from a variety of sources</p> <p>B. Use technology tools to process data and report results</p> <p>C. Evaluate and select new information resources and technological innovations based on the appropriateness for specific tasks</p>	<ul style="list-style-type: none">▪ Type in a specific URL and bookmark it▪ Compare and contrast online and print data sources▪ Provide a strategy to evaluate the accuracy, currency, relevance, appropriateness, comprehensiveness and bias of information sources

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

Technology problem-solving and decision-making tools	Fifth Grade
<p>A. Use technology resources for solving problems and making informed decisions</p> <p>B. Employ technology in the development of strategies for solving problems in the real world</p>	<ul style="list-style-type: none">▪ Determine when technology is useful to solve a specific task or problem▪ Select the appropriate tools and technology resources to address a variety of tasks and problems▪ Identify software to complete a task