

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

TECHNOLOGY

Domain One: Basic Operations and Concepts

| Basic Operations and Concepts | Fourth Grade |
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| <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"> ▪ Choose appropriate application for a given task ▪ Move and manipulate files in folders ▪ Troubleshoot malfunctions by checking connections ▪ Continue to practice correct keyboarding skills (touch type letters and words) |

Domain Two: Social, Ethical and Human Issues

| Social, ethical, and human issues | Fourth Grade |
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| <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 ▪ Explain the need for computer use policies (AUP) ▪ Recognize age-appropriate issues related to the use of technology |

Domains Three and Four: Technology productivity and communication tools

| Technology productivity and communication tools | Fourth Grade |
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| <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 a multiple paragraph document ▪ Cut, copy, and paste text to another location in the same document ▪ Use undo function ▪ Use spell check for individual words and entire document ▪ Explain the limitations of using spell check ▪ Explain the uses of a spreadsheet ▪ Recognize the parts of a spreadsheet (e.g., rows and columns) ▪ Read and interpret information in column/row format ▪ Access information using databases (e.g., library online catalog [OPAC], online commerce catalogs) ▪ Create a simple multi-media presentation ▪ Use a digital microscope with teacher guidance ▪ Use mathematical calculators |

Domain Five: Technology Research Tools

| Technology Research Tools | Fourth Grade |
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| <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">▪ Use the bookmark (favorites) menu for teacher-selected sites▪ Navigate the Internet using the navigation toolbar (back, forward, home, refresh)▪ Recognize differences among online data sources▪ Identify the relevancy, currency, credibility and source of information▪ With teacher guidance, select appropriate online data sources |

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

| Technology problem-solving and decision-making tools | Fourth 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 |