



Minidoka County School District #331

"Empowering Students for Success"

Elementary Computer Curriculum - March 2018

Vision:

Elementary students in Minidoka County School District will be taught basic computer technology skills, knowledge, and competencies that will enhance learning opportunities in all areas of their education.

Students must develop basic competencies with computers to be successful in the classroom, as well as preparation for life outside of school. Computers are used as tools to enhance the learning process and should be integrated into all areas of the curriculum and classroom.



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Elementary Computer Lab Curriculum Grade Level Goals

Kindergarten

Students in Kindergarten will develop skills and behaviors that will serve as a foundation for future learning. By the end of Kindergarten students will be able to login and logout of the computer network. They will be able to identify the parts of a computer and operate the keys necessary to use the computer as a learning tool. They will begin using computer applications for simple age-appropriate tasks. They will begin to discuss ethical computer use. They will understand and demonstrate proper etiquette, behavior, and body position when using computers.

First Grade

Students in first grade will build on skills learned in kindergarten. They will use home row keys and will learn more function keys. They will begin saving, formatting, and inserting graphics into simple word processing documents. They will continue to explore ethical computer use and continue to demonstrate proper etiquette, behavior, and body position when using computers.

Second Grade

Students in second grade will focus on learning proper keyboarding skills. By the end of second grade they will have learned the letter keys and proper keystrokes to use them. They will be able to use shift to capitalize letters. They will use Word processors to produce simple paragraphs, presentation software to create a one slide presentation, and a browser to navigate a website. They will discuss ethical computer use and continue to demonstrate proper etiquette, behavior, and body position when using computers.

Third Grade

Students in third grade will improve their speed and accuracy in keyboarding. They will create, edit, and do more advanced formatting in word-processing documents. They will create multi-slide presentations. They will discuss ethical computer use and study ownership and authorship issues. They will continue to demonstrate proper etiquette, behavior, and body position when using computers.

Fourth Grade

Students in fourth grade will continue to improve speed and accuracy in keyboarding, while focusing on becoming proficient in application tools. They will become proficient using a word processor (headers and footers, spell and grammar check, margins, etc.) They will create more advanced presentations. They will learn to acquire and evaluate information on the Internet. Students will explore ethical computing issues in more depth. They will continue to demonstrate proper etiquette, behavior, and body position when using computers.

Fifth Grade

Students in fifth grade will focus on using application tools to produce a product. They will begin by improving keyboarding and by practicing using word processors, presentation software, and search strategies with browsers. Students will continue to demonstrate proper etiquette, behavior, and body position when using computers.



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Kindergarten

Standard 1:

Objectives:

Basic Operation and Concepts

- 0.1 Use proper hand and body position for computer use
- 0.2 Identify parts of computer (keyboard, monitor, mouse, printer, headphones, headphone jack)
- 0.3 Demonstrate use of mouse (point, click, and drag)
- 0.4 Recognize home row keys
- 0.5 Log on and off computer independently
- 0.6 Identify and use cursor, backspace, enter, escape, space bar, and arrow keys

Standard 2:

Objectives:

Social, Ethical, Human Issues

- 0.1 Show responsible use of technology and equipment
- 0.2 Demonstrate respect for the rights of others while using the computer.
- 0.3 Demonstrate acceptable behavior at the computer and in the lab

Standard 3:

Objectives:

Technology Tools

- 0.1 Recognize letters/numbers on the keyboard
- 0.2 Navigate through instructional software
- 0.3 Use icons and menus
- 0.4 Open and close applications

Standard 4:

Objectives:

Digital Citizenship

- 0.1 Practice safe online behavior



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First Grade

Standard 1:

Objectives:

Basic Operation and Concepts

- 1.1 Use proper hand and body position for computer use
- 1.2 Use proper finger placement on home row keys
- 1.3 Use mouse to select text and objects
- 1.4 Use caps locks, shift, punctuation keys
- 1.5 Identify toolbar, scroll bar, menu bar, font
- 1.6 Open, save/save as

Standard 2:

Objectives:

Social, Ethical, Human Issues

- 1.1 Show responsible use of technology and equipment
- 1.2 Demonstrate respect for the rights of others while using the computer.
- 1.3 Demonstrate acceptable behavior at the computer and in the lab

Standard 3:

Objectives:

Technology Tools

- 1.1 Enter simple sentences in documents
- 1.2 Format text by choosing font color, styles and size, alignment
- 1.3 Insert and resize graphics in documents
- 1.4 Use instructional software to practice and reinforce academic skills
- 1.5 Use the computer as a writing tool

Standard 4:

Objectives:

Digital Citizenship

- 0.1 Practice safe online behavior



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Second Grade

Standard 1:

Objectives:

Basic Operation and Concepts

- 2.1 Use proper hand and body position for computer use
- 2.2 Use home row keys with proper hand position
- 2.3 Learn and use proper keystrokes for letters of the alphabet
- 2.4 Use proper keystroke for shift keys to capitalize letters
- 2.5 Understand vocabulary: text box, object, insert, slide, handles, navigate
- 2.6 Launch the Internet
- 2.7 Use URLs to visit Web sites
- 2.8 Navigate a Web site to gather information
- 2.9 Understand how to print a document

Standard 2:

Objectives:

Social, Ethical, Human Issues

- 2.1 Show responsible use of technology and equipment
- 2.2 Demonstrate respect for the rights of others while using the computer.
- 2.3 Demonstrate acceptable behavior at the computer and in the lab

Standard 3:

Objectives:

Technology Tools

- 2.1 Keyboard simple paragraphs
- 2.2 Produce a simple one slide presentation
- 2.3 Peer Presentations (Students will share their presentation with a peer)
- 2.4 Use instructional software to practice and reinforce academic skills
- 2.5 Use the computer as a writing tool
- 2.6 Use the computer as a presentation tool

Standard 4:

Objectives:

Digital Citizenship

- 2.1 Practice safe online behavior



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Third Grade

Standard 1:

Objectives:

Basic Operation and Concepts

- 3.1 Use proper hand and body position for computer use
- 3.2 Use home row keys with proper hand position
- 3.3 Keyboard with speed and accuracy (targets:5 wpm; 95% accuracy).
- 3.4 Identify and use: title bar, task bar, maximize, minimize, slide background, cut, copy, paste, tab.
- 3.5 Format text by choosing font color, styles, size and alignment.
- 3.6 Use application tools to edit work
- 3.7 Use URL's to get to a specific Web site
- 3.8 Use hyperlinks to move from one Web site to another.
- 3.9 Conduct simple searches using educational search engines.

Standard 2:

Objectives:

Social, Ethical, Human Issues

- 3.1 Show responsible use of technology and equipment
- 3.2 Demonstrate respect for the rights of others while using the computer.
- 3.3 Demonstrate acceptable behavior at the computer and in the lab

Standard 3:

Objectives:

Technology Tools

- 3.1 Use grade appropriate curriculum related software with assistance.
- 3.2 Use the computer as a writing tool
- 3.3 Use a word processing application to create and format documents.
- 3.4 Work with more than one software application at a time
- 3.5 Create a simple multi-slide presentation.

Standard 4:

Objectives:

Digital Citizenship

- 3.1 Practice safe online behavior
- 3.2 Model ethical and safe behavior relating to security, privacy, passwords, and personal information
- 3.3 Recognize ownership and authorship of software and student and /or teacher products.



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Fourth Grade

Standard 1:

Objectives:

Basic Operation and Concepts

- 4.1 Use proper hand and body position for computer use
- 4.2 Use home row keys with proper hand position
- 4.3 Keyboard with speed and accuracy (targets: 8-12wpm; 95% accuracy)
- 4.4 Identify and use: spell/grammar check, clipboard, edit/undo, margins, portrait/landscape, search engine, right click.
- 4.5 Create and format original work on a word processor.
- 4.6 Format text by choosing font color, styles, size and alignment.
- 4.7 Use application tools to edit work
- 4.8 Use application commands, options, and controls from menu bars.
- 4.9 Navigate a Web site to gather information
- 4.10 Use educational search engines to acquire information
- 4.11 Evaluate Web site validity.
- 4.12 Evaluate acquired information for validity and usefulness.
- 4.13 Demonstrate an understanding of copyright by citing sources of copyrighted materials in papers, projects, and multimedia presentations
- 4.14 Use search strategies with guidance to locate information from the Internet.
- 4.15 Use Internet to capture and insert graphics into documents.
- 4.16 Use electronic reference tools

Standard 2:

Objectives:

Social, Ethical, Human Issues

- 4.1 Show responsible use of technology and equipment
- 4.2 Demonstrate respect for the rights of others while using the computer.
- 4.3 Demonstrate acceptable behavior at the computer and in the lab

Standard 3:

Objectives:

Technology Tools

- 4.1 Use grade appropriate curriculum related software with assistance.
- 4.2 Use the computer as a writing tool
- 4.3 Use a word processing application to create and format documents.
- 4.4 Work with more than one software application at a time
- 4.5 Plan and create a multi-slide show using a storyboard.

Standard 4:

Objectives:

Digital Citizenship

- 4.1 Practice safe online behavior
- 4.2 Model ethical and safe behavior relating to security, privacy, passwords, and personal information
- 4.3 Recognize ownership and authorship of software and student and /or teacher products.
- 4.4 Respect the privacy of other students work.



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Fifth Grade

Standard 1:

Objectives:

Basic Operation and Concepts

- 5.1 Use proper hand and body position for computer use
- 5.2 Use home row keys with proper hand position
- 5.3 Improve keyboarding speed and accuracy. (Targets 12-18 wpm; 95% accuracy)
- 5.4 Identify and use: template, file management, folder, transitions, builds, background, animation, border, bullets.
- 5.5 Demonstrate effective screen design (BEMUCH Balance, Emphasis, Movement, Unity, Contrast, Harmony).
- 5.6 Perform searches for text, audio, video and graphics.
- 5.7 Use educational search engines to acquire information
- 5.8 Evaluate acquired information for validity and usefulness.
- 5.9 Demonstrate an understanding of copyright by citing sources of copyrighted materials in papers, projects, and multimedia presentations.
- 5.10 Use Internet to capture and insert graphics into documents and acquire information.

Standard 2:

Objectives:

Social, Ethical, Human Issues

- 5.1 Show responsible use of technology and equipment
- 5.2 Demonstrate respect for the rights of others while using the computer.
- 5.3 Demonstrate acceptable behavior at the computer and in the lab

Standard 3:

Objectives:

Technology Tools

- 5.1 Select and use software for the assigned task (presentation, word processor, etc.).
- 5.2 Use electronic reference tools.
- 5.3 Research, create and publish products
- 5.4 Create and format a report

Standard 4:

Objectives:

Digital Citizenship

- 5.1 Practice safe online behavior
- 5.2 Model ethical and safe behavior relating to security, privacy, passwords, and personal information
- 5.3 Respect the privacy of other students' work