

Course/Grade Level: Kindergarten Computer Technology

CT.K.1 Students will demonstrate basic operations and concepts.

Students will...

- CT.K.1.1 demonstrate use of the mouse and cursor (KSK.10.1)
- CT.K.1.2 launch programs (KSK.10.1)
- CT.K.1.3 identify parts of the computer: keyboard, mouse, monitor, and printer (KSK.10.1)

CT.K.2 Students will demonstrate keyboarding skills.

Students will...

- CT.K.2.1 use the keyboard knowing letters and special keys “return” and “delete” (KSK.10.1)
- CT.K.2.2 demonstrate benefits of good posture (KSK.10.1)
 - Sit up straight in chair
 - Feet in front of chair

CT.K.3 Students will demonstrate responsible use of computer hardware and software.

Students will...

- CT.K.3.1 follow directions during teacher directed activities (KSK.11.1)
- CT.K.3.2 show care for equipment (KSK.11.2)
- CT.K.3.3 share computers (KSK.11.2)

CT.K.4 Students will use technology to enhance learning.

Students will...

- CT.K.4.1 use software programs (KSK.11.2, KSK.12.1, KSK.12.2)
- CT.K.4.2 participate in a teacher directed virtual field trip (KSK.13.2)
- CT.K.4.3 use a website with teacher direction (KSK.14.1)

Course/Grade Level: First Grade Computer Technology

CT.1.1 Students will demonstrate basic operations and concepts.

Students will...

- CT.1.1.1 turn the computer on and off (KS1.10.1)
- CT.1.1.2 demonstrate use of the mouse and cursor (KS1.10.1)
- CT.1.1.3 launch and exit programs (KS1.10.1)
- CT.1.1.4 identify parts of the computer: keyboard, mouse, monitor, and printer (KS1.10.1)

CT.1.2 Students will demonstrate keyboarding skills.

Students will...

- CT.1.2.1 use the keyboard knowing letters and return, delete, spacebar, shift, and arrow keys (KSK.10.1)
- CT.1.2.2 use left hand on the left side of the keyboard (KSK.10.1)
- CT.1.2.3 use right hand on the right side of the keyboard (KSK.10.1)
- CT.1.2.4 demonstrate benefits of good posture (KSK.10.1)
 - sit up straight in chair
 - feet in front of chair
 - hands slightly curved, resting on homerow

CT.1.3 Students will demonstrate responsible use of computer hardware and software.

Students will...

- CT.1.3.1 follow directions during teacher directed activities (KS1.11.1)
- CT.1.3.2 show care for equipment (KS1.11.2)
- CT.1.3.3 share computers (KS1.11.2)

CT.1.4 Students will use technology to gather information to enhance learning.

Students will...

- CT.1.4.1 create a graphic organizer (KS1.12.1, KS1.12.2)
 - Concept mapping
 - Venn diagram
- CT.1.4.2 use graphing software (KS1.14.2)

Course/Grade Level: Second Grade Computer Technology

CT.2.1 Students will demonstrate basic operations and concepts.

Students will...

- CT.2.1.1 open and save files, and print documents with guidance (KS2.10.1)
- CT.2.1.2 demonstrate proper naming of files (such as name, subject, date, no spaces) (KS2.10.1)
- CT.2.1.3 use toolbar and menu bar (KS2.10.1)
 - font style
 - font size
 - font color

CT.2.2 Students will demonstrate keyboarding skills.

Students will...

- CT.2.2.1 use a structured keyboarding program to demonstrate correct hand position/fingering of home row keys (KS2.10.1)
- CT.2.2.2 demonstrate benefits of good posture (KS2.10.1)
 - sit up straight in chair
 - feet in front of chair
 - hands slightly curved, resting on homerow
- CT.2.2.3 use keyboard covers when practicing home row position (KS2.10.1)

CT.2.3 Students will demonstrate responsible use of computer hardware and software.

Students will...

- CT.2.3.1 demonstrate Internet etiquette and safety (KS2.11.1)
- CT.2.3.2 show care for equipment (KS2.11.2)

CT.2.4 Students will use technology to gather information to enhance learning.

Students will...

- CT.2.4.1 use interactive software and websites (KS2.12.1, KS2.12.2)
- CT.2.4.2 collect, process, and report classroom data or multiple classroom data as a class (e.g. birthday, favorite TV program, most popular candy bar, using software such as Excel, or other graphing programs) (KS2.14.2)
- CT.2.4.3 use features such as teacher selected “favorites” or “bookmarks” to locate and select the most appropriate website resources for a given project. (KS2.14.2)

Course/Grade Level: Third Grade Computer Technology

CT.3.1 Students will demonstrate keyboarding skills.

Students will...

- CT.3.1.1 use a structured keyboarding program to demonstrate correct hand position/fingering of home row keys (KS3.10.1)
- CT.3.1.2 demonstrate benefits of good posture (KS3.10.1)
 - sit up straight in chair
 - feet in front of chair
 - hands slightly curved, resting on homerow
- CT.3.1.3 use keyboard covers when practicing home row position (KS3.10.1)
- CT.3.1.4 as home row is completed, students should advance in keyboarding program

CT.3.2 Students will demonstrate basic operations of computers, including terminology, with guidance.

Students will...

- CT.3.2.1 identify a window, the desktop, optical drive, and USB port (KS3.10.1)
- CT.3.2.2 demonstrate how to minimize and maximize a window (KS3.10.1)
- CT.3.2.3 demonstrate how to type in a website correctly with guidance. (KS3.10.1)
- CT.3.2.4 demonstrate how to bookmark websites with guidance (KS3.10.1)

CT.3.3 Students will demonstrate basic operations with guidance in word processing documents.

Students will...

- CT.3.3.1 open and save files, and print documents (KS3.10.1)
- CT.3.3.2 copy, cut, and paste words (KS3.10.1)
- CT.3.3.3 change font size, style, and color (KS3.10.1)
- CT.3.3.4 demonstrate how to bold, italicize, and underline text (KS3.10.1)
- CT.3.3.5 use spell check tool correctly (KS3.10.1)

CT.3.4 Students will demonstrate responsible and ethical use of technology.

Students will...

- CT.3.4.1 demonstrate Internet etiquette and safety guidelines (KS3.11.1)
- CT.3.4.2 demonstrate correct care and handling of computers (KS3.11.1)

CT.3.5 Students will use technology tools with guidance to increase productivity and communicate effectively.

Students will...

- CT.3.5.1 collect, process, and report classroom data or multiple classroom data as a class (e.g. measurement data of lengths determined by using rulers with halves and fourths of an inch. Show the data by making a line plot, where the horizontal scale is marked off in approximate units, whole numbers, halves, or fourths) (KS3.14.2)
- CT.3.5.2 use a variety of search techniques to gather information. (KS3.14.1)
- CT.3.5.3 access and complete a graphic organizer to organize information (KS3.14.2)

Course/Grade Level: Fourth Grade Computer Technology

CT.4.1 Students will demonstrate keyboarding skills.

Students will...

- CT.4.1.1 use a structured keyboarding program to demonstrate correct hand position/fingering of entire keyboard – teacher observation (KS4.10.1)
- CT.4.1.2 use proper touch of numeric and alphabetic keys – teacher observation (KS4.10.1)
- CT.4.1.3 model good posture when using keyboard (KS4.10.1)
 - sit up straight in chair
 - feet in front of chair
 - hands slightly curved, resting on homerow
- CT.4.1.4 use keyboard covers when practicing home row position (KS4.10.1)
- CT.4.1.5 type at a 75% accuracy (keyboard software and teacher observation)

CT.4.2 Students will demonstrate basic operations of computers, including correct terminology.

Students will...

- CT.4.2.1 demonstrate how to type in a website address (URL) correctly (KS4.10.1)
- CT.4.2.2 demonstrate how to bookmark websites independently (KS4.11.1)
- CT.4.2.3 create folders and organize folders of information with guidance (KS4.10.1)

CT.4.3 Students will demonstrate basic operations independently in word processing documents.

Students will...

- CT.4.3.1 open and save files, and print documents (KS4.10.1)
- CT.4.3.2 copy, cut, and paste words (KS4.10.1)
- CT.4.3.3 change font size, style, and color (KS4.10.1)
- CT.4.3.4 demonstrate how to use a toolbar independently to change for bold, italicize, and underline; spell check and undo functions (KS4.10.1)
- CT.4.3.5 use keyboard shortcuts for bold, italic, underline, cut, copy, and paste (with guidance) (KS4.10.1)
- CT.4.3.6 insert clipart, resize clipart, and change the format of picture (KS4.10.1)

CT.4.4 Students will demonstrate responsible and ethical use of technology.

Students will...

- CT.4.4.1 demonstrate Internet etiquette and safety guidelines (KS4.11.1)
- CT.4.4.2 demonstrate correct care and handling of computers (KS4.11.2)
- CT.4.4.3 apply the District Technology Use Policy (KS4.11.2)

(continued...)

CT.4.5 Students will use technology tools independently and with limited guidance to increase productivity and communicate effectively.

Students will...

- CT.4.5.1 collect data and create a graph using a spreadsheet program (KS4.12.1)
- CT.4.5.2 create a slideshow with digital images using presentation software (KS4.12.1)
- CT.4.5.3 use a variety of search engines to gather information (KS4.14.1)
- CT.4.5.4 evaluate a variety of websites in collecting information (KS4.14.1)
- CT.4.5.5 create a graphic organizer to organize information (KS4.14.2)

Course/Grade Level: Fifth Grade Computer Technology

CT.5.1 Students will demonstrate keyboarding skills.

Students will...

- CT.5.1.1 use a structured keyboarding program to demonstrate correct hand position/fingering of entire keyboard – teacher observation (KS5.10.1)
- CT.5.1.2 model good posture when using keyboard (KS5.10.1)
 - sit up straight in chair
 - feet in front of chair
 - hands slightly curved, resting on homerow
- CT.5.1.3 type at a 85% accuracy while advancing through keyboarding program

CT.5.2 Students will independently demonstrate basic operations of computers, including correct terminology.

Students will...

- CT.5.2.1 demonstrate how to type in a website address (URL) correctly (KS5.10.1)
- CT.5.2.2 demonstrate how to bookmark websites on favorites toolbar (KS5.10.1)
- CT.5.2.3 create folders and organize folders of information independently (KS5.10.1)

CT.5.3 Students will demonstrate basic operations independently in word processing documents.

Students will...

- CT.5.3.1 open and save files, and print documents (KS5.10.1)
- CT.5.3.2 copy, cut, and paste words (KS5.10.1)
- CT.5.3.3 change font size, style, and color (KS5.10.1)
- CT.5.3.4 demonstrate how to use a toolbar to change for bold, italicize, and underline; spell check, dictionary, undo functions, alignment, and bullets
- CT.5.3.5 use keyboard shortcuts for bold, italic, underline, cut, copy, paste, print, save, and quit (KS5.10.1)
- CT.5.3.6 insert clipart, resize clipart, and change the format/layout of picture (KS5.10.1)

CT.5.4 Students will demonstrate responsible and ethical use of technology.

Students will...

- CT.5.4.1 demonstrate Internet etiquette and safety guidelines (KS5.11.1)
- CT.5.4.2 demonstrate correct care and handling of computers (KS5.11.2)
- CT.5.4.3 apply the District Technology Use Policy (KS5.11.2)

(continued...)

CT.5.5 Students will use technology tools independently and with limited guidance to increase productivity and communicate effectively in collaboration with grade level content area teachers.

Students will...

- CT.5.5.1 collect data and create a graph using a spreadsheet program (KS4.12.1)
- CT.5.5.2 create a slideshow with digital images using presentation software (KS4.12.1)
- CT.5.5.3 use a variety of search engines to gather information (KS4.14.1)
- CT.5.5.4 evaluate a variety of websites in collecting information (KS4.14.1)
- CT.5.5.5 document sources of both information and images (see LA curriculum – 5th grade)
- CT.5.5.6 create a graphic organizer to organize information (KS4.14.2)