

Technology

K-2

Standard One

Knowledge and skills.

The student demonstrates knowledge and appropriate use of hardware components, software programs, and their connections. The student is expected to:

Objectives:

- (1) Use technology terminology appropriate to the task;
- (2) Start and exit programs as well as create, name, and save files; and
- (3) Use networking terminology such as on-line, network, or password and access remote equipment on a network such as a printer.
- (4) Demonstrate responsible equipment care and use.

Standard Two:

The student uses data input skills appropriate to the task. The student is expected to:

Knowledge and Skills

Objectives:

- (1) Use and identify a variety of input devices such as mouse, keyboard, disk drive, modem, voice/sound recorder, scanner, digital video, CD-ROM, or touch screen;
- (2) Use proper keyboarding techniques such as correct hand and body positions and smooth and rhythmic keystroke patterns as grade-level appropriate;
- (3) Demonstrate touch keyboarding techniques for operating the alphabetic, numeric, punctuation, and symbol keys as grade-level appropriate;
- (4) Produce documents at the keyboard, proofread, and correct errors; and
- (5) Use language skills including capitalization, punctuation, spelling, word division, and use of numbers and symbols as grade-level appropriate.
- (6) Understand the use of pull down menus and choose a command from the menu bar using a mouse.

Standard Three:

The student complies with the laws and examines the issues regarding the use of technology in society. The student is expected to:

Knowledge and Skills

Objectives:

- (1) Follow acceptable use policies when using computers.
- (2) Model respect of intellectual property by not illegally copying software or another individual's electronic work.

Standard Four:

The student acquires electronic information in a variety of formats, with appropriate supervision. The student is expected to:

Information Acquisition

Objectives:

- (1) Acquire information including text, audio, video, and graphics.
- (2) Explore bookmarked websites

Standard Five:

The student uses appropriate computer-based productivity tools to create and modify solutions to problems. The student is expected to:

Problem Solving:

Objectives:

- (1) Use software programs with audio, video, and graphics to enhance learning experiences
- (2) Use appropriate software, including the use of word processing and multimedia, to express ideas and solve problems.

Standard Six:

The student uses research skills and electronic communication, with appropriate supervision, to create new knowledge. The student is expected to:

Problem Solving:

Objectives:

- (1) Use communication tools to participate in group projects; and
- (2) Use electronic tools and research skills to build a knowledge base regarding a topic, task, or assignment.

Standard Seven:

The student formats digital information for appropriate and effective communication. The student is expected to:

Communication:

Objectives:

- (1) Use font attributes, color, white space, and graphics to ensure that products are appropriate for the defined audience; and
- (2) Use font attributes, color, white space, and graphics to ensure that products are appropriate for the communication media including multimedia screen displays and printed materials.
- (3) Manipulate graphics

Standard Eight:

The student delivers the product electronically in a variety of media, with appropriate supervision. The student is expected to:

Communication:

Objectives:

- (1) Publish information in a variety of media including, but not limited to, printed copy or monitor display; (plan and create a linear sequence)
- (2) Publish information in a variety of media including, but not limited to, stored files or video.