

New Jersey Core Content Competency Standards

- 8.1.4.A.1, 2, 3, 4, 5, 6, 7, 8, 9
- 8.1.4.B.1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Essential Questions

- How can a computer help me learn?
- What are names of the main parts of the computer and how do they work?
- How do I open a program?
- Why do I need my teacher/guardian to check programs that I use on the computer?
- How can using a keyboard help me operate the computer?
- Why do I need to ask my teacher/guardian how to turn the computer on?
- Why do I need to practice responsible use of technology systems and software?
- How do I work cooperatively and collaboratively with peers, family members, and others when using technology in the classroom?
- What is an icon and how does it help me work on the computer?

Objectives

8.1.4.A.1 - Use basic technology vocabulary.

- Students will be able to understand common technological terms (Click, Close, Computer, Cursor, Desktop, Double-click, Enter Key, Icon, Log in, Log out, Mouse pad, printer, open, program, quit, return key, shift key, spacebar, speaker)
- Students will be able to communicate about technology using developmentally appropriate and accurate terminology.
- Students will be able to identify, discuss, and use common hardware terms/concepts (e.g., CPU, monitor, keyboard, mouse).

8.1.4.A.2 - Use basic features of an operating system (e.g., accessing programs, identifying and selecting a printer, finding help).

1. Students will be able to use input devices (e.g., mouse, keyboard) and output devices (e.g., monitor, printer).
2. Students will be able to use a variety of media and technology resources for directed and independent learning activities.
3. Students will be able to identify and discuss the Internet as a source of information at school and home.
4. Students will be able to utilize software by inserting and ejecting a CD in the correct drive.
5. Students will be able to double-click to open folders.
6. Students will be able to place the cursor at a specific location on the screen.
7. Students will be able to run a stored program from the desktop via an icon.
8. Students will be able to recognize that the computer needs instructions to operate.
9. Students will be able to identify and use the main components of the computer.
10. Students will be able to demonstrate the appropriate procedures for turning a system on, running a program, and shutting a system down.

8.1.4.A.3 - Input and access text and data, using appropriate keyboarding techniques or other input devices.

1. Identify, locate and use special keys (e.g., arrow keys, space bar, shift, enter/return, backspace, delete) letters, and numbers on the keyboard.
2. Students will be able to can locate letters and numbers on keyboard.
3. Students will be able to use a mouse correctly.
4. Students will be able to use correct posture.
5. Students will be able to respond through the keyboard to simple questions presented by the program.
6. Student will demonstrate the ability to use a computer keyboard as an input device.
7. Students will be able to use a typing program to improve their typing skills.
8. Students will be able to use graphic programs for typing and illustrations (KidsKeys).

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8.1.4.A.4 - Produce a simple finished document using word processing software.

1. Students will be able to identify, discuss, and use word processing as a tool to enter letters, numbers and words.
2. Students will be able to type first name, ABC's, #'s and/or simple words.

8.1.4.A.5- Produce and interpret a simple graph or chart by entering and editing data on a prepared spreadsheet template.

N/A

8.1.4.A.6 - Create and present a multimedia presentation using appropriate software.

1. Students will be able to use multimedia software to identify and practice letters, numbers, shapes and colors as a class/group.
2. Students will be able to create lines, add color, erase, and draw in a program such as Paint.
3. Students will be able to create pictures with a graphic program.

8.1.4.A.7 - Create and maintain files and folders.

1. Students will be able to open a document saved in My Documents.
2. Students will be able to print a file with teacher assistance.

8.1.4.A.8 - Use a graphic organizer.

1. Students can select pictures from Kidspiration library.
2. Students will be able to open and work with activities/ templates in Kidspiration (K-3) or templates under teacher direction.
3. Students will be able to type name on graphic organizer.
4. Students will be able to print files under teacher direction.

8.1.4.A.9 - Use basic computer icons.

1. Students will be able to identify common desktop icons (Internet, Word Processor)
2. Students will be able to identify common browser icons (Home, Back, Forward).
3. Students will be able to apply their technology skills to independently use computer programs.
4. Students will be able to can identify how to use icons in software programs.

Suggested Materials

Microsoft Word, Digital Cameras, Internet, Kidspiration

Assessments

TBD