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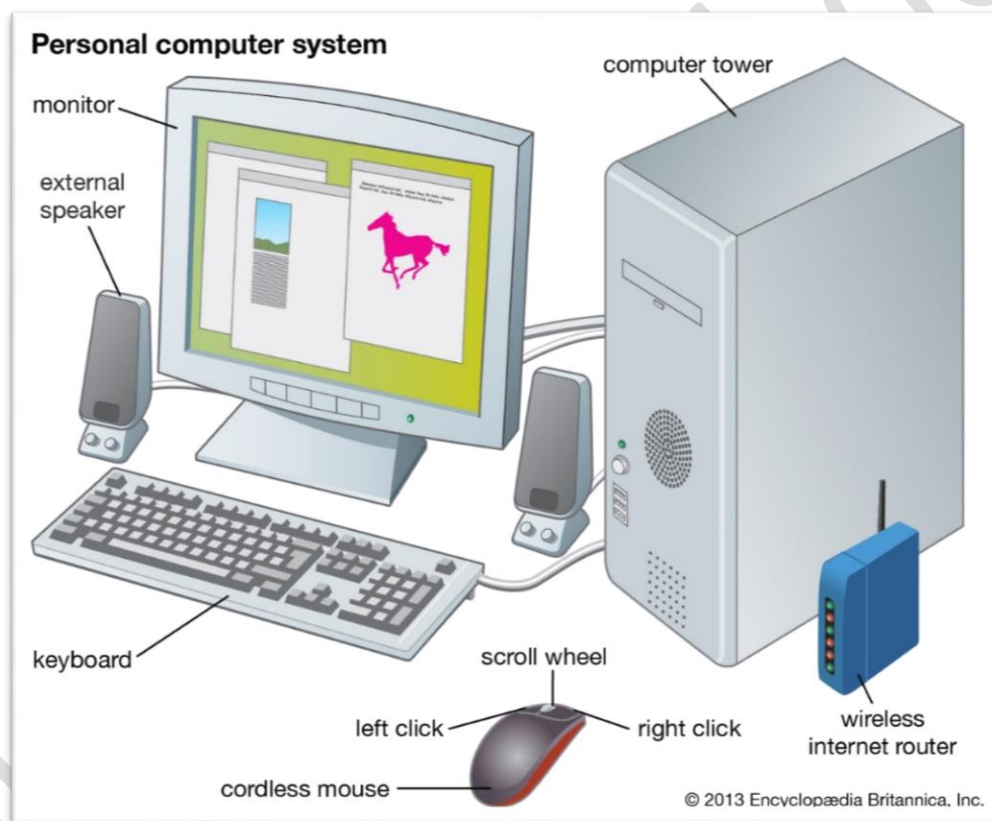
“Success through Hard Work”

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## GRADE 3 WORK - TERM 2, WEEK 3, 2020

### COMPUTER HARDWARE



You learned earlier that a computer has electronic and mechanical parts known as **hardware**. Hardware also includes *input devices, output devices, system unit, storage devices and communication devices*. Without these components we would not be able to use the computer.

**Input Devices** - An input device is any hardware component that allows you the user to enter data into the computer.

There are many input devices. Six of the most widely used input devices are:

1. **A keyboard** -- You use the keyboard to type letters, numbers, and symbols into the computer.



2. **A Mouse** --The mouse is a pointing device that has a pointer that changes into different shapes as you use the mouse. You click the mouse by pressing and releasing the button. This action allows you to enter data when using a mouse.



3. **A Scanner** -- This input device copies from paper into your computer.



4. **A Microphone** -- The microphone is usually used for voice input into the computer.



5. A **Digital Camera** -- The digital camera allows you to take pictures that you can input into your computer.



6. A **PC Video Camera or WebCam** -- The PC video camera allows you take both video and still images that you can input onto your computer.



**Output Devices** An output device is any hardware component that gives information to the user. Three commonly used output devices are as follow:

1. A **Monitor** -- This output device displays your information on a screen. This type of output is called a **soft copy**



2. **A Printer** -- This output device prints information on paper.  
This type of printed output is called a **hard copy**

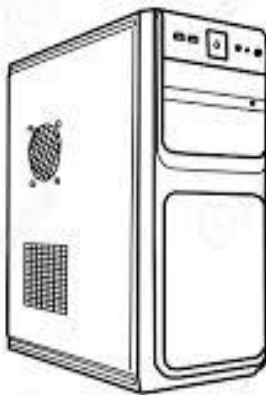


3. **A Speaker** -- Sound is the type of output you will get from a speaker.



### Central Processing unit (CPU)

This is like the “brain” of the computer because it does all the processing of all information on the computer. All the hardware parts of the computer are connected to CPU to make them together. The CPU controls the way these parts operate.



**Computer Hardware: Review Questions**

**Date:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

1. Identify what type of hardware item the components listed below are:

- a. Monitor \_\_\_\_\_
- b. Keyboard \_\_\_\_\_
- c. Mouse \_\_\_\_\_
- d. Laser Printer \_\_\_\_\_
- e. Speakers \_\_\_\_\_
- f. Scanner \_\_\_\_\_
- g. Microphone \_\_\_\_\_
- h. Digital Camera \_\_\_\_\_

2. What part of the computer is considered to be the brain of the computer?

\_\_\_\_\_

3. Write down the name of a computer hardware component that can be used to do the following tasks: (*select more than one where possible*)

- a. Typing a letter \_\_\_\_\_
- b. Selecting options on the screen \_\_\_\_\_
- c. Listening to an online lesson \_\_\_\_\_
- d. Seeing what you have typed on the computer \_\_\_\_\_
- e. Chatting with a friend on a video call \_\_\_\_\_
- f. Recording sound \_\_\_\_\_
- g. Capturing a video or picture \_\_\_\_\_