

Topic: Parts of the Computer

When I am done this lesson, I will know:

- The parts of a computer system
- The basic parts of a computer (hardware)
- Common peripheral devices used with computers
- How to turn a computer on and off



Pre and Post Self-Assessment

	Pre	Pre	Post	Post
	Yes, I know this	No, I want to learn this	Yes, I know this	I still need more practice to learn this
I know the parts of a computer system				
I know what the basic parts of a computer are				
I know some common peripheral devices used with computers				
I know how to turn a computer on and off				



New Words and Terms

computer case
monitor
keyboard
processor
mouse
trackpad
printer
scanner
speaker

webcam
microphone
headset
power button
shut down

What is a Computer System?

A computer system has three main parts:

- hardware
- software
- people

In this section you will learn more about the parts of the computer.

Parts of a Computer



Review

Hardware is the equipment. It is the physical parts. It includes the parts you can see and some parts that you can't see. Hardware includes the processor, memory, storage, communication ports and peripheral devices. Peripheral devices are connected to the computer. Some examples are the display, the keyboard, a mouse, speakers, or a printer. The processor is what makes the computer work. It is like the "brains" of the computer.


The hardware includes many different parts.

The monitor, processor, keyboard and mouse are the main parts of the computer you need to know. Desktops and laptops have all of these parts. In a desktop, the parts are separate. In a laptop, most of the parts are combined into one device. You can add a mouse to a laptop or use the trackpad which is part of the device. The processor, keyboard and trackpad are all part of the bottom of the laptop.





Parts of a Computer (Hardware)

	<p>Computer Case This is the cabinet that contains most of the components of the computer. It is sometimes called a tower. The Central Processing Unit or CPU is in the case. The CPU is the “brains” of the computer.</p>
	<p>Monitor This is the device that displays or shows you the information from the computer. It is an output device that displays information in pictorial form.</p>
	<p>Keyboard This is the panel of keys that you use to operate or tell the computer what to do. It allows you to input information into the computer.</p>


	<p>Mouse This is a hand-held or hand-operated pointing device that helps you input information into a computer.</p>
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Other Peripheral Devices

A peripheral device is an input or output device that allows you to operate a computer. The monitor, keyboard and mouse are all peripheral devices. Other peripheral devices are described below.

	<p>Printer A printer takes information generated by a computer (graphics and text) and transfers it on to paper. There are many different types of printers.</p>
	<p>Scanner A scanner can take a picture of a physical item (e.g., a piece of paper with words and pictures on it) and change it into a digital format so that it can be stored or used on a computer. Many printers have a scanner built into them.</p>

	<p>Speakers Speakers produce sound that is generated when the computer is being used. Most computers have built-in speakers.</p>
	<p>Webcam A webcam is a video camera that inputs to a computer connected to the Internet. It allows other users to see you when you are connected. Most laptops have webcams built in.</p>
	<p>Microphone A microphone allows you to speak to the computer and transmit your voice or sounds over the Internet or record them. Most laptops have a microphone built in.</p>
	<p>Headset A headset is a set of headphones that usually also has a microphone built in. It allows you to connect to a computer and speak and listen while keeping your hands free to type or use the mouse.</p>


	<p>Watch this to learn more about the parts of a desktop computer. Source: GCFGlobal.org</p>	<p>https://edu.gcfglobal.org/en/computerbasics/basic-parts-of-a-computer/1/</p>
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	<p>Watch this to learn more about a laptop computer. Source: GCFGlobal.org</p>	<p>https://edu.gcfglobal.org/en/computerbasics/laptop-computers/1/</p>
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Turning the Computer On

If you are using a desktop computer, you need to turn on the processor and the monitor using the power buttons. If you are using a laptop computer, it will only have one power button.

Power buttons come in all shapes and sizes. They will be in different locations on different devices. However, a power button on a computer will have this symbol on it.

	Power button symbol
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Other examples of what a power button might look like:



How can I tell if the computer is on? The button will usually be lit up and will turn white, green or blue if it is on.

“Waking” the Computer Up

Computers are often set to go to “sleep” if no one is using them for a period of time. This helps conserve energy. It is also a safety feature for computers that require you to log on. When they go to sleep, they usually log off. Moving the mouse around a bit or touching the trackpad may “wake” the computer up. Sometimes you need to push the power button once to wake the computer up.

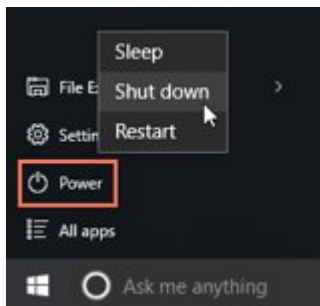
Turning the Computer Off

To turn off the computer, click on the START BUTTON on the lower left-hand corner of the computer.



After you click on the Start Button:

- Click on POWER
- Click on SHUT DOWN



 Try this/Practice

- Turn on the computer.
- Turn off the computer.



Ontario Adult Literacy Curriculum Framework Connection

Competency	Task Group(s)
Find and Use Information	<ul style="list-style-type: none">• Read Continuous Text (L2 - paragraphs, L1 - instructions)• Interpret Documents (L2 - tables and charts)• Extract Information from Films, Broadcasts and Presentations (not leveled)
Communicate Ideas and Information	<ul style="list-style-type: none">• Interact with Others• Complete and Create Documents
Use Digital Technology	<ul style="list-style-type: none">• Login Using an Account• Watch Podcast• Identify Sources• Evaluate Informatio

With funding from

Canada 



Literacy Link South Central

(March 2020)

www.llsc.on.ca literacylink@llsc.on.ca