Introduction to Computers

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Objectives

• Learn basic computer terminology
• Identify the parts of a computer
• Be able to turn the computer on and off
• Be able to move and click the mouse

Where Are Computers?

• Computers are everywhere
• Computers use the same technology as other everyday items:
  Clocks
  Phones
  Remote controls
  Calculators
Computers are used to

• Communicate
• Research
• Make purchases

Computer ≈ Automobile

• Different makes-
  • HP, Dell, Apple
  • Chevy, Honda, Cadillac

• Different models-
  • Pavilion, Inspiron, MacBook
  • Cavalier, Accord, Escalade

• Different options-
  • Processor speed, RAM size,
  • Sunroof, 4WD, Leather
  • CD/DVD

Posture

• Back straight
• Body centered
• Feet flat on the floor
• Elbows down
• Be comfortable!
Parts Of A Computer

**Hardware** - any physical part of the computer that you can see and touch
- Monitor - Screen
- Keyboard
- Mouse
- Printer/Scanner

Turning On The Computer

Click the **Start** button then click **Shut Down**
Laptop Computer

What Is The Mouse
- Used to point to a specific place on the screen

Types Of Mice
- Optical/Laser Mouse -
  Uses a laser
- Wireless Mouse -
  Uses radio signal to communicate with the computer
Mouse Pointer

• Arrow points to an object on the screen that you want to use

• Hand points to a link on the Internet

Mouse Pointer

• I-beam Shows you where text will appear when typing

• Move Arrow Allows you to move an object, like a picture or window, on the screen

• Double Arrow Used to resize windows

Left Button

• Acts like the Enter key on a keyboard

• Also called the main or primary button

• “Click” by quickly pressing and releasing the button

• “Double Click” to open files and programs
Right Button

- Called “Right-Click”
- Opens Shortcut menus
- Used for special commands
- **Note:** Unless an instruction specifies right-click you should always click with the left button

Software

Computer components that are intangible - you can’t see them

- Also called a “program,” “application,” “app”
- Series of instructions that perform a task
- Ex. Word processing, spreadsheets, and web browsers

Operating System

- Software that runs all the time and makes the application programs run
- Usually pre-installed on new computers
- Ex. Microsoft Windows, Mac OSX
Processor

- CPU (Central Processing Unit)
- Interprets computer program instructions and processes data
- The “brain” of the computer

Windows Desktop

Icons are images representing a program, folder, file, or other information

Start Menu

- Left column displays most frequently/recently used programs and “pinned” programs
- Right column lists libraries, control panel, help tools