**Basic Parts of a Computer—Lesson 5**

***Watch the video provided and answer the following questions. You will be tested over this information, and you will be required to complete a narrated project.***

**INTRODUCTION:**

1. What are the basic parts of the computer?
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**Watch video on website**

**COMPUTER CASE:**

1. What is the computer case?
2. What does the computer case contain? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. What are the two main types of computer cases? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. What is an All-in-one computer?

**MONITOR:**

1. The monitor works with a \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_, located \_\_\_\_\_\_\_\_\_\_\_ the computer case, to display \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_ on the screen.
2. New monitors usually have \_\_\_\_\_\_\_ (liquid crystal display) or LED (light-emitting displays). These can be made very thin, and they are often called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Older monitors use \_\_\_\_\_\_\_\_\_\_ (cathode ray tube—similar to old television tubes) displays. CRT monitors are much \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_, and they take up more desk space.

**KEYBOARD:**

1. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is one of the primary ways we communicate with the computer and enter data.
2. Keyboards come in different shapes and sizes such as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Look online and define the term ergonomic. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. Research images of keyboards and know the difference between a standard keyboard and an ergonomic keyboard.

**MOUSE:**

1. The mouse is an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for ­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ with computers. Commonly known as a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. It lets you \_\_\_\_\_\_\_\_\_\_\_\_\_ to objects on the screen, \_\_\_\_\_\_\_\_\_\_\_ on them, and \_\_\_\_\_\_\_\_\_\_\_\_ move them.
2. What are the two main categories of mice? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Define Optical Mouse:
4. Define mechanical Mouse:
5. You can thank me…but you do not have to do the mouse tutorial in the middle of page four. (if you want to, click on the link provided).

**MOUSE ALTERNATIVES:**

1. Define Trackball:
2. Define Touchpad:
3. What are the two reasons someone would prefer to use the trackball or touchpad?
	1. Many people find them \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. They also require \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**POWER CORD:**

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1. The power cord is the \_\_\_\_\_\_\_\_\_ between the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the computer casing. To protect your computer from voltage spikes, you can plug the cord into a \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. You can also use an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (UPS), which acts as a surge protector and also provides temporary \_\_\_\_\_\_\_\_\_\_\_\_\_ if there is a blackout.

**Looking at the classroom computer in front of you, circle the correct type of case and devices listed below.**

1. Computer case: tower or desktop
2. Keyboard: standard/enhanced, ergonomic, or wireless
3. Monitor: LCD, CRT, or Gas Plasma
4. Mouse: Optical or Mechanical