Technology Literacy

Review and Assessment

Chapter 2: Hardware

**Application and Extension of Knowledge**

1. Look at your classroom computer. Make a list of all peripherals attached to the computer. Write one sentence for each device explaining why you think it is a peripheral. Be prepared to discuss.
2. Examine the computers in Room G101. What accommodations have been made for people with disabilities? Look for both accessible input and output devices. What other accommodations have been made. Such as wheelchair access? Be prepared to do\discuss.
3. Research the printer in Room G101. Locate information regarding its cost of operation. Most manufacturers provide this information in sales or technical literature. Identify the specific ink or toner cartridge(s), the printer uses and price the replacements from three different stores.
4. Visit an online store and examine the storage devices. Compare the type of storage device; whether it is external or internal, the storage capacity, and the prices. Make a table to summarize your research.
5. Complete the information table by converting the given information into the missing information.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Unit** | **byte** | **kilobyte** | **megabyte** | **gigabyte** | **terabyte** |
| 500 bytes | -------------- |  |  |  |  |
| 2050 kilobytes |  | -------------- |  |  |  |
| 50.4 megabytes |  |  | --------------- |  |  |
| 5.7 gigabytes |  |  |  | --------------- |  |
| 2.5 terabytes |  |  |  |  | -------------- |

**Communication Skills**

***Reading –*** Skimming means to quickly glance through an entire document. Skimming will give you a preview of the material to help comprehension when you read. You should notice heading, key words, phrases, and visual elements. The goal is to identify the main idea of the content. I’ll give you material that I want you to skim for understanding and ask questions about it later.

***Writing –*** Generate ideas for writing a paper that describes the concept of technology as you interpret it. Gather information to support your thoughts and ideas. Keep careful and accurate records of any sources that you use as references.

***Speaking –*** Career-ready individuals understand that demonstrating leadership qualities is a way to make a positive contribution to the team. Identify leadership characteristics that you believe all team members should possess. Use graphic organizer to record your ideas and be ready to share.

**Internet Research**

***Hard Disk Drives:*** Research the evolution of the Hard Disk Drive (HHD) using various Internet resources. Write several paragraphs that describe how HHDs have developed since thier inception. Did the HHD replace any technology when it was developed? Has new technology begun to replace the hard disk drive? Use correct grammar, punctuation and terminology as you write.