1 Computer – A Wonder Machine

LESSON PLAN

After this lesson, students will be able to:

» Identify a computer.
» Recall the features of a computer.
» List the different types of personal computers.
» Identify and classify a computer based on the given picture.
» Differentiate between portable and non-portable computers.
» Identify and describe a desktop computer.
» Identify and describe a laptop computer.
» Identify and describe a palmtop computer.
» Identify and describe a tablet.
» Identify and describe a smartphone.
» Describe a supercomputer and its use.

WARM UP

Look at the given picture. Circle and count the number of computers in it.

Ans. Number of computers: 6

CHAPTER NOTES

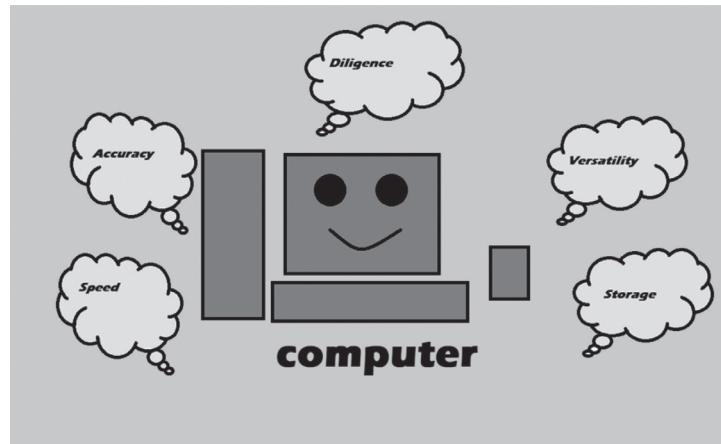- » Computer is a machine that makes our work easier and faster.
- » Characteristics of a computer:
  - ○ High speed
  - ○ Diligence
  - ○ Versatility
  - ○ Accuracy
  - ○ Multitasking
  - ○ High memory
- » Different types of personal computers include:
  - ○ **Non-portable:**
    - **Desktop computers:** Wired computers kept on a desk.
  - ○ **Portable:**
    - **Laptop computers:** Can be kept on the lap.
    - **Tablet computers:** Smaller touchscreen – enabled computers.
    - **PDAs and PMPs:** Media players like iPod.
    - **Smartphones:** Size of our palm.
- » **Supercomputers**
  - ○ They are not personal computers.
  - ○ They are the fastest computers in the world.
  - ○ Supercomputers are used for processing large amounts of data extremely fast. They are used in areas such as weather forecasting.

DEMONSTRATION

- » Save a file to show the use of a computer's memory.
- » Work on two windows to show multitasking.
- » Demonstrate typing, drawing and playing games to show versatility.

LAB ACTIVITIES

» Using Tux Paint/Paint, students can make the following graphic:

ASSESSMENT

» Oral quiz on features and types of computers can be conducted in the class.

» Assessment of lab activity should also be done.

SUGGESTED CLASS ACTIVITIES

A. Count and write the number of computers of each type.

B. Write True or False for the statements given below.

1. A desktop computer is not a portable computer. _____
2. Early man used computers to make calculations. _____
3. A computer can only do calculations. _____
4. A computer does not help you to send e-mails. _____
5. Computer is used to predict weather. _____
6. Pascaline was the first computer device. _____

C. Write the uses of computers in the following places.

1. At banks

_____

2. At railway stations

_____

3. At weather centres

_____

4. At television stations

_____

5. At hospitals

_____