LESSON PLAN

3. Input and Output Devices

Teaching Objectives

Students will learn about

☞ Input devices

☞ Output devices

☞ Storage devices

Teaching Plan

Number of periods: 3

While teaching this chapter, tell the students that a computer is made up of many devices which are categorized as input devices, output devices and storage devices. Introduce input devices as the parts that are used to give commands or instructions to the computer or tell the computer what to do. Share with them pictures / models of some input devices like:

Keyboard – used for typing text and numbers through keys

Mouse – used for drawing pictures and selecting objects through click

Scanner – used to send document or images from paper to computer

Microphone – used to record voice, music and sounds.

Introduce output devices as the parts that are used to show result or output after processing. Share with them pictures / models of some output devices like:

Monitor or Visual Display Unit (VDU) – used to show the data that is input and its result after computer process through its front portion, screen.

Printer – used to print the work done by computer on paper Tell the students about the types of printers as Inkjet printers and Laser printers

Speakers – used to listening to music, sound and voice on a computer

Headphones – work as small speaker and used to hear sound without disturbing others Headset – used as a combination of microphone and headphones Introduce storage devices as the parts that are used to store our work in the computer.

Share with them pictures / models of some storage devices like:

Hard Disk – rectangular in shape and fixed inside the CPU box

Compact Disc (CD) – circular in shape and portable storage device

Digital Versatile Disc (DVD) – circular in shape but with more storage capacity than CD

Pen Drive or USB Flash Drive –having more storage capacity than DVD but less than Hard Disk Show to the students CD/DVD Drive and USB ports used to read the files stored in CD/DVD and Pen Drive respectively. Ensure that the scope of Teacher's Corner given at the end of the chapter has been covered.

Ask the students some oral questions based on this chapter.

- Q. What are the parts of a computer?
- Q. What are input / output / storage devices?
- Q. Give two examples of input / output / storage devices.
- Q. What is a USB port used for?
- Q. What is the name given to the combination of microphone and headphones?
- Q. Expand CD / DVD.
- Q. Which has more storage capacity: CD or DVD?
- Q. Arrange in increasing order of storage capacity: CD DVD Pen Drive Hard Disk

Evaluation

After explaining the chapter, let the students do the course book exercises given on Pages 30, 31 and 32 of the main course book as One Touch Learn and Let's Do It. After solving the course book exercises, tell the students to solve Crack the Code activity given on Pages 32 and 33 of the main coursebook. Help the students to solve these questions. In Creative Assignment, activities like Hands-On and Fun in Lab given on Page 33 of the main course book will enhance the ability of the students and serve as a Subject Enrichment activity.

Suggested Activity

Ask the students to collect information about a modern storage device – Blue Ray Disc which looks like a CD/DVD but has much more storage capacity than the two.