BRIEF DESCRIPTION OF THE CHAPTER:

Students will learn about
☞ How does a computer work?
☞ Storage
☞ Features of a computer
☞ Types of computers

LEARNING OBJECTIVES:

SPECIFIC OBJECTIVES:

This lesson will enable the students to –
SP1- introduce the concept of a computer as an electronic machine comprising various devices to input data, process it, and produce results. (K)
SP2- explain the Input-Process-Output (IPO) cycle as the fundamental working principle of a computer. (U)
SP3- explain the terms "input devices" and "output devices" with examples. (U)
SP4- elucidate the meaning of "process," "processor," and "processing," and emphasize the role of the CPU in executing arithmetic, logical calculations (ALU), storing data and instructions (MU), and coordinating all CPU components (CU). (U)
SP5-aid students in comprehending the concept of "storage" with examples. (K)
SP6- educate students on the fundamental characteristics of computers, including speed, accuracy, diligence, memory, and multitasking abilities, that make them exceptional machines. (K)
SP7- explain the features and applications of various types of computers, including microcomputers, minicomputers, mainframe computers, and supercomputers. (U)

BEHAVIOURAL OBJECTIVES:

This lesson will enable the students to
B1- demonstrate their understanding of how a computer works, storage, features of a computer, and types of computers through active participation, discussion, and completion of related tasks or assessments.
ACTIVITIES – For the better understanding of the topic following activities will be conducted –

A1-Children will be asked to make a list of features of a computer on WordPad. (AP)
A2-Children will be asked to create the chart on 'Types of Computers'. (AP)

WRITTEN WORK:

After explaining the chapter-

☞ let the students do the course book exercises given on Pages 13, 14 and 15 of the main course book as One Touch Learn and Let's Do It.

☞ tell the students to solve Crack the Code activity given on Pages 15 and 16 of the main coursebook. Help the students to solve these questions.

☞ In Creative Assignment, activity like Fun in Lab given on Page 16 of the main course book will enhance the ability of the students and serve as a Subject Enrichment activity.

ASSESSMENT:

- Observation during the practical.
- To check the understanding of the topic, assessment will be conducted.

LEARNING OUTCOMES:
Students

L1- will learn about the working of computer. (K)
L2- gets familiar with the storage devices and their uses. (U)
L3- will learn about the features of computer. (K)
L4- can classify the types of computers and learned their use. (Sy)

Placement of objective, Instructional Activities and Assessment

<table>
<tr><td colspan="7">Topic/Duration/ Assessment
Topic: The Computer System
Duration: 4 periods</td></tr>
<tr><td></td><td>Knowledge</td><td>Understanding</td><td>Application</td><td>Analysis</td><td>Synthesis</td><td>Evaluation</td></tr>
<tr><td>Objectives</td><td>**SP1, SP4, L1, L3**</td><td>**SP3, L2**</td><td></td><td></td><td>**SP2, L4**</td><td></td></tr>
<tr><td>Instructional Activities</td><td></td><td></td><td>**A1, A2**</td><td></td><td></td><td></td></tr>
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