

EaD Comprehensive Lesson Plans



or



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<https://www.TeachersAvenue.net>

Strand:	Introduction to Computing	Sub-Strand:	Components of Computers and Computer Systems
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<https://TrendingGhana.net>

BASIC 8

WEEKLY LESSON PLAN – WEEK 3

Content Standard:	B8.1.1.1.Examine the parts of a computer			
Indicator (s)	B8.1.1.1.2. Demonstrate understanding of the use of input devices (barcode, scanner etc.)	Performance Indicator: Learners can use input devices.		
Week Ending	27-09-2024			
Class	B.S.8	Class Size:		Duration:
Subject	Computing			
Reference	Computing Curriculum, Teachers Resource Pack, Learners Resource Pack, Textbook.			
Teaching / Learning Resources	Personal Computer, barcode, Scanner, Pictures.	Core Competencies:	<ul style="list-style-type: none"> • Communication and Collaboration • Digital Literacy 	
DAY/DATE	PHASE 1 : STARTER	PHASE 2: MAIN		PHASE 3: REFLECTION
TUESDAY	<p>Write Keywords or vocabularies in the lesson on the Chalkboard.</p> <p>Learners brainstorm to explain the keywords or vocabularies.</p>	<ol style="list-style-type: none"> 1. Show Learners pictures and Poster displaying input devices. 2. Assist Learners to mention examples on input devices. 3. Discuss the functions of input devices with the Learners. 4. Individual Learners to practice using input devices. <p>What are input devices in computer?</p> <p>An input device allows data such as text, images, video or sound to be entered into a computer system.</p> <p>Keyboard - The most common input device used for entering text. Includes keys for word processing and data inputting, and for performing specific functions.</p> <p>Examples of Input Devices;</p> <ul style="list-style-type: none"> • Keyboard. Keyboard is the most common and very popular input device which helps to input data to the computer. • Mouse. Mouse is the most popular pointing device. 		<p>Reflect on the functions of input devices.</p> <p>Practical;</p> <p>Assist Individual Learners to use input devices in the classroom.</p> <p>Exercise;</p> <ol style="list-style-type: none"> 1. State 5 examples of input devices. 2. Explain the functions of the input devices mentioned in question 1.

- Joystick. Joystick is also a pointing device, which is used to move the cursor position on a monitor screen.
- Light Pen.
- Track Ball.
- Scanner.
- Digitizer.
- Microphone



THURSDAY

Demonstrate using input devices in the classroom or Computer Laboratory.

1. Assist Learners to use input devices to perform specific tasks in the computer laboratory or classroom.
2. Discuss with Learners 5 advantages and disadvantages of using input devices.
3. Using a Power Point Presentation, explain how to connect examples of input devices to the computer system.
 - **Advantages of Joystick:**
 - Easy to learn to use. Very simple design so they can be inexpensive.
 - Disadvantages of Joystick:**
 - Control can be a bit crude as the directions in simple joysticks are limited to forward, backwards, left and right. Better models offer diagonal movement or better.
 - **Advantages of Keyboard;**
 - fast entry of new text into a document
 - easy to use for most people
 - easier to do verification checks as the data is entered
 - Disadvantages of Keyboard**

Through questions and answer, conclude the lesson.

Exercise;

Write 2 advantages and disadvantages of the following input devices;

- i. Mouse
- ii. Keyboard
- iii. Scanner

- can be difficult to use if the user has limited arm/wrist use
- slow method when compared to direct data entry
- fairly large device that uses up valuable desk space

- **Advantages of Mouse**
- faster way to choose an option than using a keyboard
- very quick way to navigate through applications and the internet
 - doesn't need a large desk area when compared to a keyboard

- Disadvantages of Mouse**
- can be more difficult for people with restricted hand/wrist movement
 - easy to damage, older version clogs up with dirt quickly
 - difficult to use if no flat surface is readily available (e.g. on an aeroplane)

Name of Teacher:

School:

District: