

# EaD Comprehensive Lesson Plans

<b>Strand:</b>	Introduction to Computing	<b>Sub-Strand:</b>	Components of Computers and Computer Systems
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or




**0248043888**

<https://www.TeachersAvenue.net>

<https://TrendingGhana.net>

**BASIC 8**

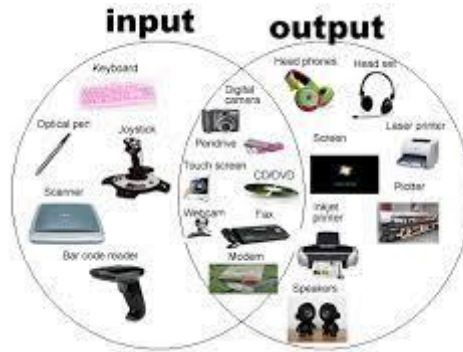
**WEEKLY LESSON PLAN – WEEK 4**

<b>Content Standard:</b>	B8.1.1.1.Examine the parts of a computer			
<b>Indicator (s)</b>	B8.1.1.1.3. Examine the uses of the output devices: Graphing plotter, Data and Multimedia Projectors, Pico projector	<b>Performance Indicator:</b> Learners can use output devices.		
<b>Week Ending</b>	04-10-2024			
<b>Class</b>	B.S.8	<b>Class Size:</b>		<b>Duration:</b>
<b>Subject</b>	Computing			
<b>Reference</b>	Computing Curriculum, Teachers Resource Pack, Learners Resource Pack, Textbook.			
<b>Teaching / Learning Resources</b>	Personal Computer, Projector, Power Point Presentation.	<b>Core Competencies:</b>	<ul style="list-style-type: none"> <li>• Communication and Collaboration</li> <li>• Digital Literacy.</li> </ul>	
<b>DAY/DATE</b>	<b>PHASE 1 : STARTER</b>	<b>PHASE 2: MAIN</b>		<b>PHASE 3: REFLECTION</b>
<b>TUESDAY</b>	Learners brainstorm to explain the meaning of "Output devices".	<ol style="list-style-type: none"> <li>1. Show Learners video and Pictures of output devices.</li> <li>2. Discuss examples of Output devices with the Learners.</li> <li>3. Learners in small groups to discuss the functions of Output devices.</li> </ol> <p><b>Examples of Output Devices;</b></p> <ul style="list-style-type: none"> <li>○ Plotter</li> <li>○ Projector</li> <li>○ Monitor</li> <li>○ Printer</li> <li>○ Speakers</li> <li>○ Headphones</li> <li>○ Sound Card</li> <li>○ Video Card</li> </ul> 		<p>Each group to report on their discussions.</p> <p>Summarize the lesson.</p> <p><b>Exercise</b></p> <ol style="list-style-type: none"> <li>1. State 5 examples of Output Devices</li> <li>2. Explain the functions of the Output Devices stated in question 1.</li> </ol>

**THURSDAY**

Learners brainstorm to explain the general function of all output devices.

1. Demonstrate using an output device in the classroom or Computer Laboratory.
2. Assist learners to use output devices in the classroom or laboratory.
3. Discuss with Learners the advantages and disadvantages of Output devices.



- **Advantages of Speaker**  
Usually long lasting and durable (if operated within their intended power levels)  
Often provided with the computer/laptop although these may not be the best quality
- **Disadvantages of Speaker**  
Can take up a lot of desk space, compared to headphones  
Can distract people around you, everyone can hear what you are playing  
May not be able to hear the full sound spectrum, this requires multiple speakers
- **Advantages of Projector**  
Enables many people to see a presentation rather than all of them crowded around a small computer screen  
Avoids the need for several networked computers e.g. when looking at a video clip on the internet, everybody can see the video on the large screen rather than logging on to a number of computers
- **Disadvantages of Projector**  
Images can sometimes be fuzzy  
Expensive to buy  
Setting up projectors can be a little difficult.

Learners in small groups to discuss the differences between Input and Output .  
Each group to report on their discussions.

**Exercise**

Explain 2 advantages and disadvantages each;

- i. Monitor
- ii. Projector
- iii. Printer

Name of Teacher:

School:

District: