

# EaD Comprehensive Lesson Plans



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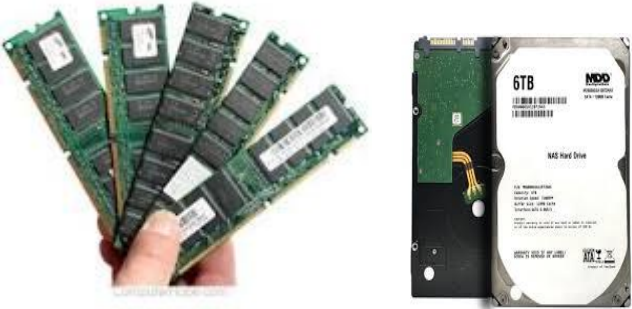
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**BASIC 7**

**WEEKLY LESSON PLAN – WEEK 3**

Strand:	Introduction to Computing		Sub-Strand:	Components of Computers and Computer Systems	
Content Standard:	B7.1.1.1. Identify parts of a computer and their uses				
Indicator (s)	B7.1.1.1.4 Describe Storage devices: full-sized external hard drives, Hard Drive Speed, Disk Caching)		Performance Indicator: Pupils can use storage devices to keep information, transfer files from one computer to another and to buck up files.		
Week Ending	27-09-2024				
Class	B.S.7	Class Size:		Duration:	
Subject	Computing				
Reference	Computing Curriculum, BS7 Computing Textbook, Teachers Resource Pack, Learners Resource Pack				
Teaching / Learning Resources	Personal Computer, Pen drive, Hard Disk, Floppy Disc, Compact Disc.		Core Competencies:	<ul style="list-style-type: none"><li>• Creativity and Innovation</li><li>• Communication and Collaboration</li></ul>	
DAY/DATE	PHASE 1 : STARTER	PHASE 2: MAIN			PHASE 3: REFLECTION
MONDAY	Display some storage devices on a table for Learners to observe.  Ask Learners to identify the devices displayed.	<div>2. Learners brainstorm to state the functions of the storage devices identified.</div> <div>3. Discuss the types of storage devices with the Learners.</div> <div>4. Assist Learners to mention examples of each type of Storage device.</div> <div>Storage Device; A storage device is an integral part of the computer hardware which stores information/data to process the result of any computational work. Without a storage device, a computer would not be able to run or even boot up. Or in other words, we can say that a storage device is hardware that is used for storing, porting, or extracting data files. It can also store information/data both temporarily and permanently.</div> <div></div> <div>Types of Storage Devices;</div> <div>1. Primary Storage; A primary storage device is any storage device or component that can store nonvolatile data in computers, servers and</div>			Learners are to guided to use Storage devices in the classroom to transfer files, store information and to buck up files.  Exercise; <div>1. What are Storage devices?</div> <div>2. Give 5 examples of storage devices.</div> <div>3. State 2 types of Storage devices and 2 examples each.</div>

		<p>other computing devices. It is used to hold/store data and applications temporarily or for a shorter period of time while the computer is running.</p> <ol style="list-style-type: none"> <li>read only memory (ROM)</li> <li>random access memory (RAM)</li> <li>flash memory.</li> <li>cache memory.</li> </ol> <p>2. <b>Secondary Storage;</b> Secondary storage is a memory that is stored external to the computer. It is mainly used for the permanent and long-term storage of programs and data.</p> <ol style="list-style-type: none"> <li>Solid-state drives (SSDs).</li> <li>Hard disk drives (HDDs).</li> <li>Cloud storage.</li> <li>CD-ROM drives.</li> <li>DVD drives.</li> <li>Blu-ray drives.</li> <li>USB flash drives.</li> <li>SD cards.</li> </ol>	
<b>THURSDAY</b>	Review Learners knowledge on the previous lesson.	<ol style="list-style-type: none"> <li>Assist Learners to classify Storage devices as external or internal, removable or fixed, magnetic or optical.</li> <li>Discuss the meaning of Magnetic Storage devices with the Learners.</li> <li>Using Power Point Presentation, explain the features of Magnetic Storage devices.</li> <li>Learners brainstorm to differentiate between External Hard Disk Drive and Hard Disk Drive.</li> </ol> <p><b>Internal Storage Devices;</b></p>  <p>Random Access Memory (RAM), hard drive (HDD) , and Solid-State Drives (SSD)</p> <p><b>External Storage Devices;</b></p> <ul style="list-style-type: none"> <li>External HDDs and SSDs.</li> <li>Flash memory devices.</li> <li>Optical Storage Devices.</li> <li>Floppy Disks.</li> <li>Primary Storage: Random Access Memory (RAM)</li> </ul>	<p>Through questions and answers, conclude the lesson.</p> <p><b>Exercise;</b></p> <ol style="list-style-type: none"> <li>Write 3 examples each of external and internal Storage devices</li> <li>State 2 examples each of removable and fixed storage devices.</li> </ol> <p><b>Assignment;</b></p> <ol style="list-style-type: none"> <li>Differentiate between Optical and Magnetic Storage devices.</li> <li>State 3 examples each of Optical and Magnetic Storage devices.</li> </ol>

- Secondary Storage: Hard Disk Drives (HDD) & Solid-State Drives (SSD)
- Hard Disk Drives (HDD)
- Solid-State Drives (SSD)



**External Hard Disk Drive.**



Name of Teacher:

School:

District: