





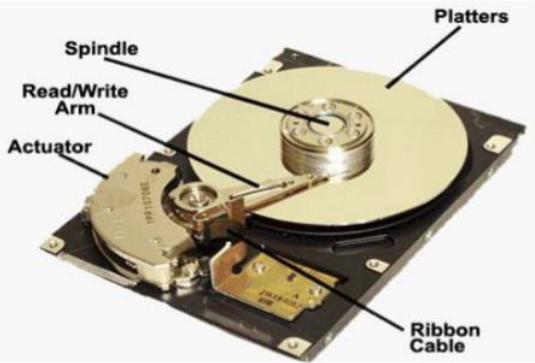


WEEK 2

Strand : Introduction to computing		Class : B7
Sub Strand : Components of Computer		Duration :
Content Standard : B7.1.1.1. Examine the parts of a computer		Date : 24 TH JAN, 2022
Indicators : B7.1.1.1.3. Examine the uses of the output devices:		Day :
Key words : speakers, projector, headphones		
Resources : Set of computer, Video /pictures, wall chart		
Activities For Learning & Assessment		Learners Resource Page Ref.
<p>Starter (5 mins)</p> <p>Using questions and answers, find out what learners already know about output devices.</p> <p>Share with learners the performance indicators.</p> <p>Main (35 mins)</p> <p>Engage learners to watch video or pictures of output devices in use.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Projector</p> </div> <div style="text-align: center;">  <p>Monitor</p> </div> <div style="text-align: center;">  <p>Speakers</p> </div> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Printer</p> </div> <div style="text-align: center;">  <p>Headphone</p> </div> <div style="text-align: center;">  <p>Printer</p> </div> </div> <p>o of the</p>		<p>Computing Curriculum Pg. 3</p>
		Progression
		Learning how to identify and use output devices

<p>Guide learners to demonstrate the use of output devices in a computer laboratory or classroom.</p> <p>Let learners explore the advantages and disadvantages of output devices.</p> <p>Reflection (10 mins)</p> <p>Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.</p> <p>Take feedback from learners and summarize the lesson.</p> <p>Ask learners in turns to demonstrate the use of output devices.</p>		
<p>Homework/Project Work/Community Engagement Suggestions</p>		
<ul style="list-style-type: none"> • What is an output device? • Mention any five output device you know. • State the functions of the output devices stated above 		
<p>Cross-Curriculum Links/Cross-Cutting Issues</p>		
<p>Potential Misconceptions/Student Learning Difficulties</p>		
<p>Learners inability to distinguish between input and output devices The facilitator can arrange to use the nearby school's computer lab</p>		

Strand : Introduction to computing		Class : B7
Sub Strand : Components of Computer		Duration :
Content Standard : B7.1.1.1. Examine the parts of a computer		Date : 24 TH JAN, 2022
Indicators : B7.1.1.1.4 Examine full-sized external hard drives, hard drive speed, disk caching, Storage portable hard drives, Optical Discs and Drives		Day :
Key words : magnetic storage devices, portable hard drives, Optical Discs and Drives		
Resources : Set of computer, Video /pictures, wall chart		
Activities For Learning & Assessment		
<p>Starter (5 mins)</p> <p>Recap with learners to find out what they already know about storage devices.</p> <p>Share with learners the performance indicators.</p> <p>Main (35 mins)</p> <p>Guide learners to Identify magnetic storage devices, portable hard drives/Optical Discs and Drives or pictures of these items to class.</p> <p>Learners to discuss the features of hard drives/Optical Disc storage media.</p>		<p>Learners Resource Page Ref.</p> <p>Computing Curriculum Pg. 3</p>
 <p>Let learn</p> <ol style="list-style-type: none"> 1. a floppy 2. a compact disc 		<p>Progression</p> <p>Learning how to identify and use storage devices</p>

<p>Explore the different write speeds of these storage devices.</p> <ol style="list-style-type: none"> 1. SD cards will read and write at speeds of 12.5MB/s 2. a typical 7200 RPM HDD will deliver a read/write speed of 80-160MB/s 3. the write speed of 2.0 USB can be as slow as 4MB per second and as fast as 8MB/s. <p>Explore the differences in the various Hard Disk Drives (HDD).</p> <p>Reflection (10 mins) Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.</p> <p>Take feedback from learners and summarize the lesson.</p> <p>Ask learners how the lesson will benefit them in their daily lives.</p>		
Homework/Project Work/Community Engagement Suggestions		
<ul style="list-style-type: none"> • What is a storage device? • Identify the primary storage devices of a computer. • Identify any four secondary storage devices of the computer 		
Cross-Curriculum Links/Cross-Cutting Issues		
Potential Misconceptions/Student Learning Difficulties		
The facilitator can arrange to use the nearby school's computer lab		