

TERM THREE

WEEKLY LESSON NOTES – B7

WEEK I

Date: 16 th SEPT, 2022		DAY:	Subject: Computing
Duration:		Strand: Communication Networks	
Class: B7		Class Size:	Sub Strand: Web Technologies
Content Standard: B7.3.4.1. Demonstrate the use of a Web Browser	Indicator: B7.3.4.1.1 Identify the importance of the web in learning [Virtual Learning Environments]		Lesson: 1 of 2
Performance Indicator: Learners can identify the importance of the web in learning		Core Competencies: CI 6.3: DL5.1:	
Reference: Computing Curriculum P.g. 19			
Activities For Learning & Assessment			
Resources		Progression	
<p>Starter (5 mins)</p> <p>In pairs, discuss: True or False: You can find information about everything on the internet. Have learners present their findings to the class for further discussion.</p> <ul style="list-style-type: none"> • What type of information can we find on the internet? • What do you use those information for? • Can you information about everything on the internet? <p>Share performance indicators and introduce the lesson.</p> <p>Main (35 mins)</p> <p>Brainstorm learners for the important of the internet.</p> <ul style="list-style-type: none"> • What are some of the importance of using the internet? <p>Their responses must include; for learning. In groups, have learners to discuss how we can use the internet to learn.</p> <p>Brainstorm learners for the meaning of Virtual Learning Environments (VLEs.) <i>Virtual Learning Environments is a web-based platform for the digital aspects of courses of study, usually within educational institution.</i></p> <p>Engage learners to research on the internet for more information and Ghanaian instructions that run the Virtual Learning Environments. They can start with www.elearning.presbyuniversity.edu.gh</p> <p>Put learners in groups of five. Let them explore the importance of VLEs for learning.</p> <p>Using the ICT center, allow self-paced learning (E-learning) among learners. Allow learners to take notes on;</p> <ul style="list-style-type: none"> • Self-discipline 		<p>Pictures and videos</p> <p>Describing the importance of Virtual Learning Environments</p>	

- Health Hazards
- Sense of isolation
- Level of understanding
- The use of data bundle
- Availability of TLMs

Create opportunity to learn new skills without having to use a regular classroom.

Assessment

What is Virtual Learning Environments?
 What is the impact of Virtual Learning Environments on learners?
 What are the characteristics of Virtual Learning Environments?
 State three function of Virtual Learning Environments
 Write four benefits/importance of Virtual Learning Environments

Reflection (10 mins)

What have we learnt today?

Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.

Take feedback from learners and summarize the lesson.

Homework/Project Work/Community Engagement Suggestions

- Identify four advantages of VLEs
- State four disadvantages of VLEs

Cross-Curriculum Links/Cross-Cutting Issues

None

Potential Misconceptions/Student Learning Difficulties

The facilitator/teacher can arrange to use a nearby Senior High School (SHS) ICT laboratory

Date: 16 th SEPT, 2022	DAY:	Subject: Computing
Duration: 60MINS		Strand: Communication Networks
Class: B7	Class Size:	Sub Strand: Web Technologies
Content Standard: B7.3.4.1. Demonstrate the use of a Web Browser (Search engine)	Indicator: B7.3.4.1.2 Explore the use of open learning websites in the classroom	Lesson: 2 of 2
Performance Indicator: Learners can describe the use of open learning websites in the classroom		Core Competencies: CI 6.3: DL5.1:
Reference: Computing Curriculum P.g. 19		
Activities For Learning & Assessment		
Starter (5 mins)		
Using questions and answers, revise the previous lesson with learners.		
<ul style="list-style-type: none"> • What are Virtual Learning Environments? • What is the impact of Virtual Learning Environments on learners? • What are the characteristics of Virtual Learning Environments? • State three function of Virtual Learning Environments • Write four benefits/importance of Virtual Learning Environments 		
Share performance indicators and introduce the lesson.		
Main (35 mins)		
In groups, let learners research on open learning websites. Learners present their findings to the class for discussion.		
<ul style="list-style-type: none"> • what is an open learning websites? • What are some examples of open learning websites? • Is open learning an LMS? 		
Guide learners to explain the meaning of open learning websites. <i>Open learning is an online learning platform that goes beyond content delivery to focus on community, connectedness and learner engagement.</i>		
Engage learners to come up with some examples of open learning websites. Examples: Khan Academy, edX, Udemy, Udacity, etc.		
<u>Assessment</u>		
In groups, let learners research for more information on the examples of the open learning websites identified.		
Each group is supposed to prepare a flow chart of the content and uses of the open learning websites.		
Demonstrate and explore the uses of open learning websites in the classroom e.g., Khan Academy, Coursera, Edx, Saylor, etc.		
<ul style="list-style-type: none"> • Khan Academy – it is a study website that offers in-depth subjects. This site is useful to match your learning goals 		
Resources		Progression
Pictures and videos		Describing use of open learning websites in the classroom

- EdX – it is one of the best free online courses' providers. It offers university-level courses in varieties of disciplines.

Assessment

- What is a Learning Management Systems (LMS)?
- Identify and describe five examples of open learning websites
- What are open learning websites?
- Give five examples of open learning websites.

Reflection (10 mins)

What have we lean today?

Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.

Take feedback from learners and summarize the lesson.

Homework/Project Work/Community Engagement Suggestions

- Explain the concept of Learning Management Systems (LMS)
- Give examples of Learning Management Systems (LMS).
- Is open learning website an LMS?

Cross-Curriculum Links/Cross-Cutting Issues

None

Potential Misconceptions/Student Learning Difficulties

The facilitator/teacher can arrange to use a nearby Senior High School (SHS) ICT laboratory