

THIRD TERM

WEEKLY LESSON NOTES – B8

WEEK 6

Week Ending: 04-08-2023	DAY:	Subject: Computing
Duration: 60mins		Strand: Communication Networks
Class: B8	Class Size:	Sub Strand: Web Technologies
Content Standard: B8.3.4.1. Demonstrate the use of a web browse	Indicator: B8.3.4.1.2 Explore the use of more than one search engine	Lesson: 1 of 2
Performance Indicator: Learners can explore the use of more than one search engine		Core Competencies: CC8.2: CP6.1
Reference: Computing Curriculum P.g. 31		
Activities For Learning & Assessment		
Resources		
Progression		
<p>Starter (5mins)</p> <p>Discuss how search engines index and rank web pages based on relevance to search queries.</p> <p>Highlight that different search engines may have different algorithms and databases, resulting in varying search results.</p> <p>Share performance indicators and introduce the lesson.</p> <p>Main (35mins)</p> <p>Display a list of popular search engines on the whiteboard.</p> <p>Briefly introduce each search engine, discussing its popularity, unique features, and any notable differences compared to others.</p> <p>Explain that learners will be exploring and comparing these search engines to understand their strengths and weaknesses.</p> <p>Divide the learners into small groups. Ask each group to choose a different search engine from the list provided.</p> <p>Explain that each group will conduct a search using their chosen search engine and explore the search results.</p> <p>Learners to consider the search engine's user interface, features, sponsored results, and other factors while exploring.</p> <p>Ask each group to share their experiences and observations about their chosen search engine.</p> <p><u>Assessment</u></p>		
Pictures and videos		
Exploring the use of more than one search engine		

<ol style="list-style-type: none"> 1. Name three popular search engines. 2. Why might different search engines yield different search results? 3. What are some factors to consider when exploring and comparing search engines? 4. How can using multiple search engines enhance your web search experience? <p>Reflection (10mins) 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>Homework/Project Work/Community Engagement Suggestions</p>		
<p>What are some factors to consider when exploring and comparing search engines?</p>		
<p>Cross-Curriculum Links/Cross-Cutting Issues</p>		
<p>None</p>		
<p>Potential Misconceptions/Student Learning Difficulties</p>		
<p>None</p>		

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Content Standard: B8.3.4.1. Demonstrate the use of a web browse	Indicator: B8.3.4.1.2 Explore the use of more than one search engine	Lesson: 2 of 2
Performance Indicator: Learners can explore the use of more than one search engine		Core Competencies: CC8.2: CP6.1
Reference: Computing Curriculum P.g. 31		
Activities For Learning & Assessment		
Starter (5mins) Highlight that different search engines may have different algorithms and databases, resulting in varying search results. Share performance indicators and introduce the lesson. Main (35mins) Discuss the similarities and differences between the search engines, considering factors such as search accuracy, speed, and user-friendliness. Facilitate a class discussion to compare the functionalities and discuss the advantages and disadvantages of each search engine. Instruct the learners to perform the same search query on two or three different search engines individually. Encourage them to compare the search results and analyze the differences in relevance, order, and types of results displayed. Ask learners to note any patterns or trends they observe across the search engines. Guide a class discussion to share and discuss the findings, focusing on the factors that may have influenced the differences in search results. <u>Assessment</u> 1. What are some possible advantages and disadvantages of using different search engines? 2. Explain the term "search accuracy" in the context of search engines. 3. Why is it important to analyze and evaluate search results from different search engines? 4. How can understanding the strengths and weaknesses of different search engines improve your search skills?	Resources Pictures and videos	Progression Exploring the use of more than one search engine
Reflection (10mins)		

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		
Give an example of a situation where using multiple search engines would be beneficial.		
Cross-Curriculum Links/Cross-Cutting Issues		
None		
Potential Misconceptions/Student Learning Difficulties		
None		