

**SECOND TERM  
WEEKLY LESSON NOTES  
WEEK 9**

<b>Week Ending:</b> 02-06-2023	<b>DAY:</b>	<b>Subject:</b> Mathematics
<b>Duration:</b> 60MINS		<b>Strand:</b> Data
<b>Class:</b> B8	<b>Class Size:</b>	<b>Sub Strand:</b> Statistics
<b>Content Standard:</b> B8.4.1.1 Select, justify, and use appropriate methods to collect data (quantitative and qualitative)		<b>Indicator:</b> B8.4.1.1.1 Identify types of given data including numerical, categorical, ungrouped and grouped data
		<b>Lesson:</b> 1 of 2
<b>Performance Indicator:</b> Learners can identify types of given data including numerical, categorical, ungrouped and grouped data		<b>Core Competencies:</b> Communication and Collaboration (CC) Critical Thinking and Problem solving (CP)
<b>References:</b> Mathematics Curriculum Pg. 153		
<b>Phase/Duration</b>	<b>Learners Activities</b>	<b>Resources</b>
<b>PHASE 1: STARTER</b>	Revise with learners on the previous lesson.  Share performance indicators with learners and introduce the lesson.	
<b>PHASE 2: NEW LEARNING</b>	Discuss, in small groups, information collected in the process of investigation which may be numeric. i. Numeric (and discrete): the number of Nissan cars sold by Japan Motors, Ghana in a year; the number of children in a family; the number of learners in B8 class.  ii. Numeric (and continuous): the weights of babies in a crèche (e.g. 4.5kg) which contains fractional values.  Discuss (in groups) information collected in the process of investigation which may be non-numeric. i. Non-numeric (cannot be quantified): sex (male or female); income group, movie type, age group, marital status, boxers' weight class, etc.  ii. Sort out the examples of the non-numeric information in (i) with values that can be put on ordinal scale (boxers' weight class; age group) iii. Sort out the examples of the non-numeric information in  (i) That can be put into categories (Categorical data): sex (male or female); marital status; income group, etc.  i. The scores for 11 learners in a class test are 25, 30, 35, 40, 45, 26, 29, 50, 45, 37 and 47(these individual scores are not grouped in any way).	Counters, bundle and loose straws base ten cut square, Bundle of sticks

	ii. Find out those in the group 25 to 35 (i.e. 5) and those in the group 36 to 50 (i.e. 6) Data is now grouped	
<b>PHASE 3: REFLECTION</b>	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.	

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