

**TERM THREE**  
**WEEKLY LESSON NOTES**  
**WEEK 9**

<b>Week Ending:</b> 11 <sup>th</sup> NOV, 2022	<b>DAY:</b>	<b>Subject:</b> Mathematics
<b>Duration:</b> 60MINS		<b>Strand:</b> Handling Data
<b>Class:</b> B7	<b>Class Size:</b>	<b>Sub Strand:</b> Statistics
<b>Content Standard:</b> B7.4.1.1 Select, justify, and use appropriate methods to collect data	<b>Indicator:</b> B7.4.1.1.1- Select and justify a method to collect data to answer a given question	<b>Lesson:</b> 1 of 2
<b>Performance Indicator:</b> Learners can select and justify a method to collect data	<b>Core Competencies:</b> Communication and Collaboration (CC) Critical Thinking and Problem solving (CP)	
<b>References:</b> Mathematics Curriculum Pg. 77-80		
<b>Phase/Duration</b>	<b>Learners Activities</b>	<b>Resources</b>
<b>PHASE 1: STARTER</b>	<p>In groups, Ask learners to find answers for the following questions.</p> <ol style="list-style-type: none"> <li>How many tables are in your classroom?</li> <li>How many chairs are in your classroom?</li> <li>How many male teachers teach at the school?</li> <li>How many female teachers teach at the school?</li> </ol> <p>Have learners present their findings to the class for discussion and how they arrived at their answers.</p> <p>Share learning indicators and introduce the lesson.</p>	
<b>PHASE 2: NEW LEARNING</b>	<p>Brainstorm learners for the meaning of Data. <i>Data are any numerical facts, information, or measurement of something</i></p> <p>In small groups, learners discuss and write down how they would make decisions in the following situations, what facts they would take into account and how they would collect these 'facts':</p> <ol style="list-style-type: none"> <li>The type of drinks to buy for a class party.</li> <li>The make of football boots to buy for the school team.</li> <li>Do people who eat more fufu develop pot belly?</li> <li>The number of desks in each classroom.</li> <li>The amount of money B6 students spend on bus fare to school every month.</li> <li>Buy a mobile phone from an online shop.</li> </ol> <p>Lead a discussion on the methods of data collection below and ask them to identify which method they will use to gather the facts for each situation in E.g.1. above) That is questionnaires, interview, observation, experiments, survey, databases, electronic media or internet.</p> <p><u>Assessment</u> Learners to use different methods to collect data on students age in the school</p>	Counters, bundle and loose straws base ten cut square, Bundle of sticks, rectangular cut out, bottle tops, algebra tiles

<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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<b>Class:</b> B7	<b>Class Size:</b>	<b>Sub Strand:</b> Statistics
<b>Content Standard:</b> B7.4.1.1 Select, justify, and use appropriate methods to collect data		<b>Indicator:</b> B7.4.1.1.2- Design and administer a questionnaire for collecting data to answer questions and record the results.
<b>Performance Indicator:</b> Learners can design and administer a questionnaire		<b>Lesson:</b> 1 of 2
<b>Core Competencies:</b> Communication and Collaboration (CC) Critical Thinking and Problem solving (CP)		
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<b>PHASE 1: STARTER</b>	<p>Revise with learners on the previous lesson.</p> <p>Call volunteer learners to the board to solve sample questions.</p> <p>Introduce the lesson by sharing performance indicators.</p>																																																	
<b>PHASE 2: NEW LEARNING</b>	<p>Show a sample questionnaire to learners and let them observe how it is.</p> <p>Demonstrate how to use the questionnaire with learners.</p> <p>Guide learners to conduct a survey by producing a question form (such as the one below) and collecting real information.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <table border="1"> <tr><td>1)</td><td>Hello, What's your name?</td></tr> <tr><td>2)</td><td>How old are you?</td></tr> <tr><td>3)</td><td>What's your favourite school subject?</td></tr> <tr><td>4)</td><td>What's your worst subject?</td></tr> <tr><td>5)</td><td>What's the most important school subject?</td></tr> <tr><td>6)</td><td>What is your favourite hobby</td></tr> <tr><td>7)</td><td>What's your favourite day of the week?</td></tr> <tr><td>8)</td><td>How much do you spend on bus fare to school every day?</td></tr> </table> </div> <p>Let learners use the table below to organize the data obtained with the question form (or questionnaire).</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Name</th> <th>Age</th> <th>Favourite subject</th> <th>Worst subject</th> <th>Important subject</th> <th>Favourite hobby</th> <th>Favourite weekday</th> <th>Daily bus fare (cedes)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p><u>Assessment</u> Learners design and administer a questionnaire for collecting favorite food of students in the school.</p>	1)	Hello, What's your name?	2)	How old are you?	3)	What's your favourite school subject?	4)	What's your worst subject?	5)	What's the most important school subject?	6)	What is your favourite hobby	7)	What's your favourite day of the week?	8)	How much do you spend on bus fare to school every day?	Name	Age	Favourite subject	Worst subject	Important subject	Favourite hobby	Favourite weekday	Daily bus fare (cedes)																									Sample questionnaire
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