


WEEK ENDING.....11/11/2022.....

SUBJECT...MATHEMATICS

REFERENCE...SYLLABUS(CRDD.2007), MATHS FOR JHS

FORM.....BASIC 8.....WEEK.....9.....

<u>DAY/DURATION</u>	<u>TOPIC/SUB-TOPIC/ASPECT</u>	<u>OBJECTIVES/R.P. K</u>	<u>TEACHER- LEARNER ACTIVITIES</u>	<u>T/L MATERIALS</u>	<u>CORE POINTS</u>	<u>EVALUATION AND REMARKS</u>
TUESDAY 08-11-2022 1:20PM – 2:40PM 80min	Topic; Rates Sub-Topic; Rate as a ratio of one given quantity to another given quantity	By the end of the lesson the Pupil will be able to; express two quantities as a rate RPK Pupils can explain the meaning of Rate	Introduction Pupils brainstorm to explain the term Rate. Activities; <ol style="list-style-type: none">1. Guide pupils to recognise rate as the ratio of one given quantity to another given quantity.2. Pupils in small groups to explain other examples of rates	Pictures, Chart, bottles, gallons, cups.	 <p>How do you use rates to compare quantities? A rate is a ratio that compares two different quantities that have different units of measure. A rate is a comparison that provides information such as dollars per hour, feet per second, miles per hour, and dollars per quart, for example. The word “per” usually indicates you are dealing with a rate.</p>	Exercise; <ol style="list-style-type: none">1. What is Rate?2. State 3 examples of Rate express two quantities used in everyday life as a rate

			Closure; Through questions and answers, conclude the lesson.			
THURSDAY 10-11-2022 8:05AM – 9:15AM 70min	Topic; Rates Sub-Topic; Simple interest, Discount and Commission	Objective; By the end of the lesson the Pupil will be able to; solve problems involving rates RPK Pupils can explain the meaning of Rate	Introduction Review Pupils knowledge on the previous lesson. Activities; <ol style="list-style-type: none"> 1. Guide pupils to solve problems involving simple interest. 2. Pupils brainstorm to solve problems involving discount. 3. Assist Pupils to solve word problems involving Commission. Closure;	Pictures, Chart, bottles, gallons, cups.	Word Problem on Simple interest; <ol style="list-style-type: none"> 1. Robert deposits \$ 3000 in State Bank of India for 3 year which earn him an interest of 8%.What is the amount he gets after 1 year, 2 years and 3 years? <i>Solution:</i> In every \$ 100, Robert gets \$ 8. (Since rate is 8% → 8 for every 100) Therefore, for \$ 1 he gets = \$ $\frac{8}{100}$ And for \$ 2000 he gets = $3000 \times \frac{8}{100}$ = \$ 240 Simple Interest for 1 year = \$ 240.	find the simple interest on savings calculate the discount and new price of goods find commission on sales REMARKS

			Through questions and answers, conclude the lesson.		<p>Simple Interest for 2 year = \$ 240×2</p> <p>= \$ 480</p> <p>Simple Interest for 3 year = \$ 240×3</p> <p>= \$ 720</p> <p>Therefore, Amount after 1 year = Principal (P) + Simple Interest (SI)</p> <p>= $3000 + 240$</p> <p>= \$ 3240</p> <p>Amount after 2 years = Principal (P) + Simple Interest (SI)</p> <p>= $3000 + 480$</p> <p>= \$ 3480</p> <p>Amount after 3 years = Principal (P) + Simple Interest (SI)</p> <p>= $3000 + 720 = \\$ 3720$</p>	
--	--	--	---	--	--	--

--	--	--	--	--	--	--