WEEK ENDING.....04/11/2022.....

SUBJECT...MATHEMATICS

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

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

DAY/DURATION	***TOPIC/SUB-TOPIC/ASPECT***	***OBJECTIVES/R.P.K***	***TEACHER-LEARNER ACTIVITIES***	**T/L MATERIALS**	**CORE POINTS**	**EVALUATION AND REMARKS**
TUESDAY **01-11-2022** **1:20PM – 2:40PM** **80min**	**Topic;** **Area and Volume** **Sub-Topic;** Word Problems involving Area	By the end of the lesson the Pupil will be able to; solve word problems involving area **RPK** Pupils have been solving word Problem questions.	**Introduction** Discuss a chart showing word problem questions. **Activities** 1. Pupils brainstorm to read word problem questions. 2. Guide pupils to solve word problems involving area of shapes. **Closure** Through questions and answers, conclude the lesson.	**Cut out shapes: (triangles, rectangles, cubes, cuboids, circles, cylinder), Geoboard**	1. Find the area of a square of side 27 cm. Area of a square = length × length = 27 × 27 sq. cm. = 729 sq. cm. 2. Find the area of a square of side 35 m. Area of a square = length × length	**Exercise;** 1. The length of a rectangular garden is 3 5/11. The width is 1/4 of the length. What is the area of the garden as a mixed number? 2. Suppose a rectangle has a height of 9 cm and a width of 4 cm. What is the

					= 35 × 35 sq. m. = 1225 sq. m	rectangular area?
THURSDAY **03-11-2022** **8:05AM – 9:15AM** **70min**	**Topic;** **Area and Volume** **Sub-Topic;** Word Problems involving Volume	**Objective** By the end of the lesson the Pupil will be able to; solve word problems involving volume **RPK** Pupils have been solving word Problem questions.	**Introduction** Review Pupils knowledge on the previous lesson. **Activities** 1. Discuss word problem questions with the Pupils for understanding. 2. Guide pupils to solve word problems involving volume of shapes. **Closure** Pupils in small groups to solve word problem questions.	**Cut out shapes: (triangles, rectangles, cubes, cuboids, circles, cylinder), Geoboard**	a. A swimming pool is 8 m long, 6 m wide and 1.5 m deep. The water-resistant paint needed for the pool costs 6 dollars per square meter. **1.** How much will it cost to paint the interior surfaces of the pool? **2.** How many litres of water will be needed to fill it?	**Exercise;** 1. How many square tiles (20 cm x 20 cm) are needed to coat the sides and base of a pool which is 10 m long, 6 meters wide and 3 m deep? 2. A cylindrical container with a radius of 10 cm and a height of 5 cm is filled with

					b. A moving company is trying to store boxes in a storage room with a length of 5 m, width of 3 m and height of 2 m. How many boxes can fit in this space if each is 10 cm long, 6 cm wide and 4 cm high?	water. If the total mass of the filled container is 2 kg, what is the mass of the empty container? REMARKS