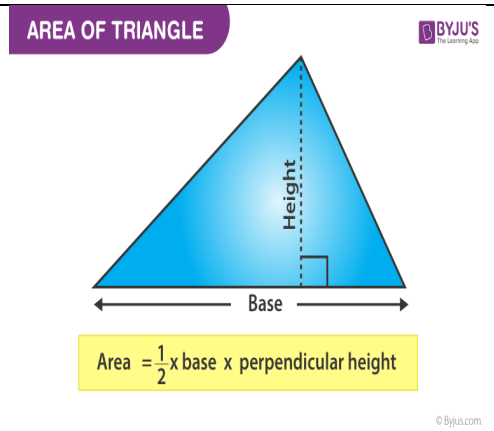
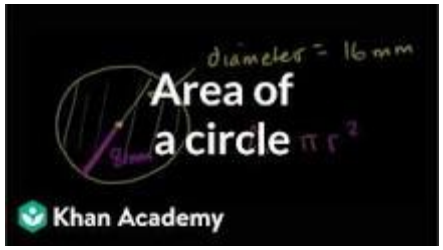
WEEK ENDING.....21/10/2022.....

SUBJECT...MATHEMATICS

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

FORM.....BASIC 8.....WEEK.....6.....

DAY/DURATION	***TOPIC/SUB-TOPIC/ASPECT***	***OBJECTIVES/R.P.K***	***TEACHER-LEARNER ACTIVITIES***	**T/L MATERIALS**	**CORE POINTS**	**EVALUATION AND REMARKS**
TUESDAY **18-10-2022** **1:20PM – 2:40PM** **80min**	**Topic;** **Area and Volume** **Sub-Topic ;** Area of a triangle	By the end of the lesson the Pupil will be able to; find the area of a triangle **RPK** Pupils can identify shapes of objects since they were taught lessons on shapes in basic 7.	**Introduction** Review Pupils knowledge on the Previous lesson. **Activities;** 1. Using the geoboard, guide pupils to discover the area of a triangle from the rectangle. 2. Guide Pupils to use the relation to find the area of triangles.	**Cut out shapes: (triangles, rectangles, cubes, cuboids, circles, cylinder), Geoboard**	**Area of a triangle;** is the region enclosed by it, in a two-dimensional plane. As we know, a triangle is a closed shape that has three sides and three vertices. Thus, the area of a triangle is the total space occupied within the three sides of a triangle. The general formula to find the area of the triangle is given by half of the product of its base and height. **Area of a Triangle = A = ½ (b × h) square units**	What is the area of a triangle with base b = 3 cm and height h = 4 cm?

			Closure; Pupils individually practice finding area of triangle using geoboad.			
THURSDAY **20-10-2022** **8:05AM – 9:15AM** **70min**	**Topic;** **Area and Volume** **Sub-Topic** Area of a circle	**Objective;** By the end of the lesson the Pupil will be able to; find the area of a circle **RPK** Pupils can identify shapes of objects since they were taught lessons on shapes in basic 7.	**Introduction** Pupils brainstorm to identify the shape of Circle. **Activities;** 1. Guide pupils in groups to discover the area of a circle in relation to the area of a rectangle. 2. guide pupils to establish the relationship	**Cut out shapes: (triangles, rectangles, cubes, cuboids, circles, cylinder), Geoboard**	**How do u find the area in a circle?**  The area of a circle is **pi times the radius squared** ($A = \pi r^2$). **Ways to calculate the area of a circle;** 1. Identify the radius of a circle. The rad ius is the length from the center of a cir cle to the edge of the circle. You can m easure this in any direction and ... 2. Square the radius. The formula to find t he area of a circle is A=πr2{\display styl	**Exercise;** Find area of a circle. **REMARKS**

			between the area of a circle, the radius and the pi (p). **Closure;** Through questions and answers, conclude the lesson.		e A=\pi r^{2}}, where the r{\displaystyle r} variable represents the radius ... 3. Multiply by pi. Pi, written symbolically with the Greek letter π{\displaystyle \pi }, is a mathematical constant that represents the ratio between the ...	