Std: V

Subject: Math

Sr. No. of the lesson:11

Name of the lesson: **Area and its Boundary**

Name of the teacher: Ninoshka V cotta Do Rego

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| Sr.No | Time | Competency | Learning Activities | Materials used | Learning Outcome | Formative assessment |
| 1 | 35 min | Concept of Perimeter | Tr. divides the students into groups. Each group are given a space marked with chalk. Groups have to measure the length and breadth of the space and specify the boundary value. | Classroom space/ field, measuring tape, notebook. | Learns the concept of perimeter. | To find the perimeter of irregular figures. |
| 2 | 35 min | Perimeter of regular figure. | Tr. Provides a cut-out of square/ rectangle/ equilateral triangle/ regular polygon.  The group measures the length and breadth of the given figures and finds its perimeter. | Cut-outs of square, rectangle and other figures. | Learns to find the perimeter of regular figure. | To deduce the formulae for perimeter of square/ rectangle. |
| 3 | 35 min | Concept of Area | Tr. places a different sized transparent cut-out of a figure (triangle, rectangle, square) on a square grid. Tr. asks the student counts the number boxes inside the figure. | Square grid (10X10), transparent cut-out of geometrical figures. | Learns the concept of area. | To find the area of regular polygons using square grid sheet. |
| 4 | 35 min | To find the area of Square and rectangle | Tr. draws a grid figure of square/ rectangle. Tr. ask the student to find the number of boxes inside the figure. Tr. draws a blank figure of square (rectangle) and marks the side value with abbreviation for side/ length/ breadth. | Shape of square/rectangle of different side values. | Learns the formulae used to find area of square, rectangle and other regular figure. | Problems on area of a regular figure. |