TEACHING LEARNING MATERIAL

CLASS	VI TO VIII
Topic	Area of plane figures
Subtopic	Right triangle and Quadrilaterals
Mode of Activity	Small Group or large Group
Objective	1. To understand the concept of Area. 2. To understand the derivation by cutting pasting method. 3. To learn and apply the formula by activity method.
Material Required	cardboard,chart papers, A3 size sheets, glue,colors, magnets, straws
Steps and procedures	1. Take a cardboard and cover it with chart paper. 2. Cut six shapes :- Rectangle, Square, Parallelogram, Right triangle, Rhombus and Isosceles Trapezium. 3. Align straws with each other to get rhe rectangle. 4. Square is also a Rectangle 5. Parallelogram will be cut along altitude and aligned it with another side to get a rectangle. 6. Two Right angled congruent triangles will make again Rectangle . 7. Rhombus will be folded into four congruent Triangles. 8. Two congruent Trapeziums will be aligned as to covert it into a parallelogram. 9. Use the formula of Rectangle to get the area of square, Parallelogram and Right Triangles. 10. Use area of Right angle to get Rhombus. 11. Use area of parallelogram to get area of Trapezium 12. Students will derive the formulas by cutting and pasting method. 13. Students will apply the formulas in real life problems by activity method.