

# Student Workbook

## "QUADRILATERAL AND TRIANGLE"



**Subject : Mathematics**

**Class/Semester : VII/Even**

### A. BASIC COMPETENCIES AND INDICATORS

- 3.11 Relate the perimeter and area formulas for various types of quadrilaterals (square, rectangle, rhombus, parallelogram, trapezoid and kite) and triangles.
- 4.11 Solve contextual problems related to the area and perimeter of a quadrilateral (square, rectangle, rhombus, parallelogram, trapezoid and kite) and triangles.

### B. INDICATORS OF ACHIEVEMENT OF COMPETENCE

- 3.11.1 Explaining quadrilaterals
- 3.11.2 Explaining triangular
- 3.11.3 Identifying types and properties of quadrilaterals shapes
- 3.11.4 Identifying types and properties of triangles
- 3.11.5 Finding the formula for the perimeter and area of a regular quadrilateral through a certain pattern
- 3.11.6 Finding the formula for the perimeter and area of a triangle through rectangular shapes
- 4.11.1 Solving contextual problems using the concepts of quadrilaterals and triangles
- 4.11.2 Applying the concept of perimeter and area of a quadrilateral and triangles to solve contextual problems