

# MATHEMATICS PROJECT

## CLASS: 6

### TOPIC: CALCULATION OF AREA AND PERIMETER OF GIVEN GEOMETRICAL FIGURES

**OBJECTIVE:** Identification of different geometrical figures and calculation of their area and perimeter by activity method.

**PRE-ACQUIRED KNOWLEDGE:** The students are expected to generally define Area and Perimeter of any Geometrical figures. Hence, they should state the formula of the area and perimeter of a square and a rectangle. Such statement should be supported by proper neat diagram.

### **PREPARATION:**

1. To select 3 different squares of different lengths. Draw a neat diagram with exact length of the edges for each of the objects on the white page of your project files.
2. To select 3 different rectangular objects of different lengths and breadths. Draw a neat diagram with exact length and breadth of the edges for each of the objects on the white pages of your project file.

### **APPROPRIATE COMPUTATION, CONSTRUCTION AND/OR MEASUREMENT WITH CORRECT UNITS:**

1. Measure the corresponding area and perimeter of each of the OBJECTS chosen.

### **PRESENTATION:**

To present the data so collected in the charts/tables enclosed.

Serial Number	Length of the edge of the square object chosen	Area of the square	Perimeter of the square
1.			
2.			
3.			

Serial Number	Length of the edge of the rectangular object chosen	Breadth of the edge of the square object chosen	Area of the rectangle	Perimeter of the rectangle
1.				
2.				
3.				

### **APPLICATIONS:**

To cite at least 2 applications in daily life where you can use the concept of calculation of area and perimeter.

**LAST DATE OF SUBMISSION OF COMPLETED PROJECT IS 16<sup>TH</sup> JUNE, 2014**