GRADE 6 Curriculum & Assessment Annual Planner
2024-2025
SUBJECT :-MATHS -CLASS 6

LEARNING OUTCOMES The students will be able to:

- Compare and arrange large numbers in the ascending order, simplify using the four operations and express them in words.
- Apply properties of whole number in order to simplify arithmetic expression.
- Represent the Numbers on Number line in order to perform number operation.
- Write the factors and multiples of a given number and find the common factors and multiples.
- Applies the concept of HCF or LCM in order to solve problems in a real-life situation.
- Demonstrate an understanding of angles, closed & open figures, line segments and triangles.
- Apply addition and subtraction rules involving positive and negative integers in order to solve real life problems.
- Calculates addition and subtraction of fractions and decimals in order to solve daily life problems involving quantities and measures.
- Represents the measurement as ratios in order to compare two quantities
- Deduce and apply the formula in order to determine the area and perimeter of a rectangle and square.
- Classify quadrilaterals on the basis of their sides and angles.
- Arrange given data in the tabular form, tally chart and pictograph and interpret them.

Curriculum Planner

April	May	July	Aug	Sep
KNOWING OUR NUMBERS WHOLE NUMBERS	PLAYING WITH NUMBERS FRACTIONS	FRACTIONS (contd) INTEGERS	BASIC GEOMETRICAL IDEAS	REVISION DATA HANDLING AND PRESENTATION
Oct	Nov	Dec	Jan	Feb
DATA HANDLING AND PRESENTATION (contd) SYMMETRY	SYMMETRY PERIMETER AND AREA	PERIMETER AND AREA LINES AND ANGLES PLAYING WITH CONSTRUCTIONS	NUMBER PLAY PATTERNS IN MATHEMATICS	REVISION

Assessment Planner

PA-1 (20 marks)

KNOWING YOUR NUMBERS

WHOLE NUMBERS

Half Yearly (60 marks)

- **KNOWING OUR NUMBERS**
- **WHOLE NUMBERS**
- **PLAYING WITH NUMBERS**
- **FRACTIONS**
- **INTEGERS**
- **BASIC GOEMETRICAL IDEAS**

PA-2 (20 marks)

- **DATA HANDLING AND PRESENTATION**
- **SYMMETRY**

Multiple Assessment (MA) (5 marks)

MA1
TOPIC : INTEGERS
ART INTEGRATED ACTIVITY ON ADDITION AND SUBTRACTION OF INTEGERS

MA2
TOPIC: PERIMETER AND AREA
ON A SQUARED PAPER, FIND THE AREA OF THE GIVEN FIGURE BY SPLITTING INTO RECTANGLES

Portfolio Assessment (PORT) (5 marks)

(Notebook -3 marks + Activity-2 marks)

PORTFOLIO 1- DEMONSTRATE THE REFLECTIONAL AND ROTATIONAL SYMMETRY OF ANY OF THE GEOMETRICAL SHAPES LIKE SQUARES, TRIANGLES, REGULAR POLYGON ,STAR ETC.
PORTFOLIO 2 – REPRESENT ANY TWO PAIRS OF EQUIVALENT FRACTIONS DIAGRAMATICALLY

Project (PROJ) (5 marks)   TOPIC : UNDERSTANDING ELEMENTARY SHAPES   MAKE DIFFERENT RANGOLI SHAPES USING DIFFERENT GEOMETRICAL SHAPES LIKE CIRCLE , TRIANGLE RECTANGLE AND STAR
Subject Enrichment (SE) (5 marks)   TOPIC : DRAW BAR GRAPH DEPICTING THE NUMBER OF VISITORS TO ANDAMAN AND NICOBAR ISLANDS OVER PAST FIVE YEARS .
ATTENDANCE IN BOTH TERMS WILL CARRY 5 marks*
Annual (60 marks)   • **LINES AND ANGLES**   • **NUMBER PLAY**   • **PERIMETER AND AREA**   • **OTHER SIDE OF ZERO (INTEGERS DONE IN TERM 1)**   • **PLAYING WITH CONSTRUCTION**   **PATTERNS IN MATHEMATICS WILL NOT BE TESTED FOR THE ANNUAL EXAM**

** Subject to change as per DIRECTIVES