



BAL BHARATI PUBLIC SCHOOL

SYLLABUS (2024-2025)

CLASS: VI

SUBJECT: MATHEMATICS

TEXTBOOKS:

1. Mathematics - Textbook for class VI - NCERT Publication
2. Mathematics exemplar problems for class VI, NCERT publication

HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)

| MONTHS | UNIT/ CHAPTER / TOPIC | SUBTOPICS | WEIGHTAGE |
|------------------------------|------------------------------|---|-----------|
| APRIL 2024 to AUGUST 2024 | Ch-1 Knowing our numbers | 1.1 Introduction 1.2 Comparing Numbers 1.3 Large Numbers in Practice | 10 |
| | Ch-2 Whole numbers | 2.1 Introduction 2.2 Whole Numbers 2.3 The Number Line | 6 |
| | Ch-3 Playing with numbers | 3.1 Introduction 3.2 Factors and Multiples 3.3 Prime and Composite Numbers 3.4 Test For Divisibility Of Numbers 3.5 Common Factors and Common Multiples 3.6 Prime Factorisation 3.7 Highest Common Factor 3.8 Lowest Common Multiple 3.9 Some Problems on HCF and LCM | 14 |
| | Ch-4 Basic geometrical ideas | 4.1 Introduction 4.2 Points | 10 |

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| | | <p>4.3 A Line Segment</p> <p>4.4 A line</p> <p>4.5 Intersecting Lines</p> <p>4.6 Parallel Lines</p> <p>4.7 Ray</p> <p>4.8 Curves</p> <p>4.9 Polygons</p> <p>4.10 Angles</p> | |
| | Ch-5 Understanding elementary shapes | <p>5.1 Introduction</p> <p>5.2 Measuring Line Segments</p> <p>5.3 Angles- 'Right' and 'Straight'</p> <p>5.4 Angles- 'Acute', 'Obtuse' and 'Reflex'</p> <p>5.5 Measuring Angles</p> <p>5.6 Perpendicular Lines</p> <p>5.7 Classification of Triangles</p> <p>5.8 Quadrilaterals</p> <p>5.9 Polygons</p> | 10 |
| | Ch-6 Integers | <p>6.1 Introduction</p> <p>6.2 Integers</p> <p>6.3 Addition of Integers</p> <p>6.4 Subtraction of Integers with the help of a Number Line</p> | 10 |
| TOTAL MARKS | | | 60 |