



BAL BHARATI PUBLIC SCHOOL

SYLLABUS (2024-2025)

CLASS: VII

SUBJECT: MATHEMATICS

TEXTBOOKS:

1. Mathematics - Textbook for class VII - NCERT Publication
2. Mathematics exemplar problems for class VII, 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 Integers	1.1 Properties of Addition and Subtraction of Integers 1.2 Multiplication of Integers 1.3 Properties of Multiplication of Integers 1.4 Division of Integers 1.5 Properties of Division of Integers	10
	Ch-2 Fractions and Decimals	2.1 Multiplication of Fractions 2.2 Division of Fractions 2.3 Multiplication of Decimal Numbers 2.4 Division of Decimal Numbers	10
	Ch-3 Data Handling	3.1 Representative Values 3.2 Arithmetic Mean 3.3 Mode 3.4 Median 3.5 Use of Bar Graphs with a Different Purpose	9
	Ch-4 Simple Equations	4.1 A Mind-reading Game 4.2 Setting up an Equation	9

	<p>4.3 Review of What we know</p> <p>4.4 What Equation is?</p> <p>4.5 More Equations</p> <p>4.6 Applications of Simple Equations to Practical Situations</p>	
Ch-5 Lines and Angles	<p>5.1 Introduction to Lines and Angles</p> <p>5.2 Related Angles</p> <p>5.3 Pairs of Lines</p> <p>5.4 Checking for Parallel Lines</p>	11
Ch-6 The triangle and its properties	<p>6.1 Introduction to Triangles</p> <p>6.2 Medians of a Triangle</p> <p>6.3 Altitudes of a Triangle</p> <p>6.4 Exterior Angle of a Triangle and its Property</p> <p>6.5 Angle Sum Property of a Triangle</p> <p>6.6 Two Special Triangles: Equilateral and Isosceles</p> <p>6.7 Sum of the Lengths of Two Sides of a Triangle</p> <p>6.8 Right-angled triangles and Pythagoras Property</p>	11
TOTAL MARKS		60