



THE ADVENT SCHOOL (2025-26)

SUBJECT – MATHEMATICS | CLASS – VII

NAMES OF TEXTBOOKS –

1. LEARNING COMPOSITE MATHS

2. NCERT

MONTH	Names of Chapters
APRIL	<u>Chapter – 1, Integers</u> Topics (Introduction, Types of Numbers, Properties of Addition, Subtraction, Multiplication and Division of Integers)
	<u>Chapter – 2, Fraction and decimals</u> Topics (Introduction, Types of Fractions, Addition, Subtraction, Multiplication and Division of Fractions, Comparing of Fractions,
MAY	Changing Decimals to Fractions, Addition, Subtraction, Multiplication and Division of Decimals, Ascending and Descending Order of Decimals, Conversion of Units of Length and Mass)
	REVISION & PRE-MID TERM ASSESSMENTS
JULY	<u>Chapter – 9, Pairs of Angles</u> Topics (Introduction, Types of Angles, Concepts of Transversal and Parallel Lines)
	<u>Chapter – 6, NCERT, Triangle and its Properties</u> Topics (Introduction, Types of Triangle, Angle Sum Properties of Triangle, Exterior Angle Properties of Triangle, Pythagoras Theorem, Triangle Inequality Property, Criteria of Congruence of Triangles)
AUGUST	<u>Chapter – 5, Algebraic Expression</u> Topics (Introduction, Constant and Variables, Types of Expression, Addition and Subtraction of Algebraic Expression)
	<u>Chapter – 15, Data Handling</u> Topics (Introduction, Array, Range, Frequency, Mean, Mode, Median, Bar Graph)
SEPTEMBER	<u>Chapter – 13, Visualising Solid Shapes (Representing 3D in 2D)</u> Topics (Introduction, Difference Between 2D And 3D Shapes, Concept of Edges, Vertices and Faces, Prism Pyramid, Polyhedron)
	REVISION & MID TERM ASSESSMENTS
OCTOBER	<u>Chapter – 3, Rational Numbers</u> Topics (Introduction, Comparing of Rational Numbers, Addition, Subtraction, Multiplication and Division of Rational Numbers, Absolute Value of Rational Numbers, Decimal Representation of Rational Numbers)
	<u>Chapter – 4, Powers and Exponents</u> Topics (Introduction, Concepts of Exponents, Laws of Exponents, Scientific Notation)

NOVEMBER	<u>chapter – 14, Perimeter and Area (Mensuration)</u> Topics (Introduction And Definitions, Perimeter of Square, Rectangle and Parallelogram, Area of Square, Rectangle and Parallelogram, Area of Equilateral Triangle, Terms Related to Circle, Area And Circumference of Circle)
	<u>Chapter -12, Symmetry</u> Topics (Introduction and Definitions, Reflection Symmetry, Rotational Symmetry, Line of Symmetry)
DECEMBER	REVISION & POST-MID TERM ASSESSMENTS
	<u>Chapter – 16,Probability</u> Topics (Introduction, Chance and Probability, Chance of Outcome, Problems Based on Cards, Numbers and Dice)
JANUARY	<u>Chapter –7, Linear Equation in one variable</u> Topics (Introduction and Definitions, Fractional Equations, Simplifying of Equations)
FEBRUARY	<u>Chapter - 7, NCERT (Percentage and its Applications, ratio and proportion, Unitary Method)</u> Topics (Introduction and Definition, Percentage to Fractions and Decimals, Decimals and Fractions to Percentage, Profit Percent, Loss Percent, Simple Interest, Concept of Ratio, Concept of Proportion, Increase or Decrease of Ratio, Unitary Method)
	REVISION & FINAL ASSESSMENTS
MARCH	FINAL ASSESSMENTS