



THE ADVENT SCHOOL (2025-26)

SUBJECT – MATHEMATICS | CLASS – IX

NAMES OF TEXTBOOKS –

1. NCERT
2. R. D. SHARMA (Reference book)

MONTH	Names of Chapters
APRIL	<u>Chapter – 1, Number System</u> Topics (Introduction, Different Types of Numbers, Concept of Irrational Numbers, Real Numbers and their Decimal Expansions, Expressing a Rational Number in the form of P/Q, Rationalization, Representing Irrational Numbers on Number Line, Laws of Exponents)
	<u>Chapter – 3, Coordinate Geometry</u> Topics (Introduction, The Cartesian plane, Coordinates of a Point, Abscissa and Ordinates, Locating Coordinates on Cartesian Plane)
MAY	<u>Chapter – 4, Linear Equation in Two Variables</u> Topics (Introduction and Definition, Forming an Equation, Solution of Linear Equation)
	REVISION & PRE-MID TERM ASSESSMENTS
JULY	<u>Chapter – 2, Polynomials</u> Topics (Introduction, Polynomial in one Variable, Zeroes of Polynomials, Factorization of Polynomials, Algebraic Identities)
	<u>Chapter – 5, Introduction to Euclid's Geometry</u> Topics (Introduction Euclid's Definitions, Axioms and Postulates)
AUGUST	<u>Chapter – 10, Heron's Formula</u> Topics (Introduction, Area of Triangle, Area of Triangle by Heron's Formula.
SEPTEMBER	<u>Chapter – 6, Lines and Angles</u> Topics (Introduction, Basic Terms and Definitions, Intersecting Lines, Types of Angles, Pairs of Angles, Lines Parallel to the Same Line, Concept Of Transversal)
	REVISION & MID TERM ASSESSMENTS
OCTOBER	<u>Chapter – 11, Surface Area and Volume</u> Topics (Introduction And Definitions, Surface Area and Volume of Cone, Surface Area And Volume Of Sphere,
	<u>Chapter – 7, Triangles</u> Topics (Introduction, Congruence of Triangles, Criteria of Congruence of Triangles, Properties of Triangle, RHS Criteria)
NOVEMBER	<u>Chapter – 12, statistics</u> Tropics (Introduction, Graphical Representation of Data, Bar Graph, Histogram, Mean, Mode And Median)

DECEMBER	REVISION & POST-MID TERM ASSESSMENTS
	<u>Chapter – 8, Quadrilaterals</u> Topics (Introduction, Properties of Parallelogram, Mid-Point Theorem)
JANUARY	<u>Chapter – 9, Circle</u> Topics (Introduction, Angle Subtended by a Chord at a Point, Perpendicular From the Centre to a Chord, Equals Chords and Their Distance from the Centre,
FEBRUARY	Angle Subtended by an Arc of a Circle, Concepts of Cyclic Quadrilaterals)
	REVISION & FINAL ASSESSMENTS
MARCH	FINAL ASSESSMENTS