THE ADVENT SCHOOL (2025-26)

SUBJECT – MATHEMATICS | CLASS – VIII,

NAMES OF TEXTBOOKS –
1. Learning Composite Mathematics
2. NCERT

MONTH	Names of Chapters
APRIL	**Chapter – 1, Rational Numbers** **Topics** (Introduction and Definitions, Comparing of Rational Numbers, Adding, Subtraction and Multiplications of Rational Numbers, Rational Numbers Between two Rational Numbers, Word Problems Based on Rational Numbers)
	Chapter – 2, Powers (Exponents) **Topics** (Introduction and Definitions, Laws of Exponents, Scientific Notation using Exponents)
MAY	**Chapter –11, Representing 3D Shapes in 2D** **Topics** (Introduction and Definitions, Definitions of Prism, Pyramids, Polyhedrons, Euler's Formula
	<mark>REVISION & PRE-MID TERM ASSESSMENTS</mark>
JULY	**Chapter – 3** **Squares and Square Roots, Cubes and cube Roots** **Topics** (Introduction and Definitions, Properties of Square Roots, Pythagorean Triplet, Square Roots of Decimal Numbers, Properties of Cube Roots
	Chapter – 5, Algebraic Expressions **Topics** (Introduction and Definitions, Addition and Subtraction of Like Terms, Multiplication of Algebraic Expressions)
AUGUST	**Chapter-7(NCERT), Comparing Quantities** **Topics** (Introduction and Definitions, Discounts and Tax, Simple Interest, Compound Interest)
SEPTEMBER	**Chapter-9(NCERT), Mensuration,** **Topics** (Introduction and Definition, Area of Polygon, Area of Trapezium, Surface Area of Cube, Cuboid and Cylinder, Volume of Cube, Cuboid And Cylinder)
	<mark>REVISION & MID TERM ASSESSMENTS</mark>
OCTOBER	**Chapter – 7, Linear Equation** **Topics** (Introduction and Definition, Solving an Equation by Transposition, Problems Based on Real Life Situations)
	Chapter – 14, Probability, **Topics** (Introduction and Definition, Chance and Probability, Formula for Finding Probability of an Event)

NOVEMBER	**Chapter – 8, Data Handling** **Topics** (Introduction, Data and Frequency, Interpreting a Bar Graph, Histogram, Pie Charts)
DECEMBER	<mark>**REVISION & POST-MID TERM ASSESSMENTS**</mark>
	Chapter – 10, Quadrilaterals **Topics** {Introduction, Side Angles and Diagonals of a Quadrilateral, Special Quadrilaterals (Parallelogram), Properties of Parallelogram, Construction of Quadrilateral}
JANUARY	**Chapter – 9, Variation** **Topics** (Introduction, Direct Proportion, Indirect Proportion)
FEBRUARY	**Chapter – 8, Algebraic Expression and Identities** **Topics** (Introduction, Monomial, Binomial, Trinomial, Algebraic Identities, Factorization of Polynomials Using Algebraic Identities)
	<mark>**REVISION & FINAL ASSESSMENTS**</mark>
MARCH	<mark>**FINAL ASSESSMENTS**</mark>