

ARMY PUBLIC SCHOOL, CHENNAI			
ANNUAL PLAN - MATHEMATICS		CLASS: VIII	ACADEMIC YEAR - 2025- 2026
MONTH	TOTAL NO. OF WORKING DAYS	TOPIC (with sub topics)	NUMBER OF PERIODS REQUIRED
APRIL	17	1. Rational Numbers: Associative and Distributive Properties of Rational Numbers, Closure and Commutative Properties of Rational Numbers	12
JUNE	19	2. Linear Equation in One Variables: Equations Reducible to the Simpler Forms, Solving Equations Having the Variable on Both Side, Solving Equations Having the Variable on One Side.	13
JULY	26	3. Understanding Quadrilateral: Angle Sum Property of Polygons, Applications of Parallelograms, Parallelogram and its Properties, Polygons. 4. Data Handling: Chance and Probability, Histograms, Introduction to Statistics, Pie Chart or Circle Graph"	18
AUGUST	21	5. Square and Square Roots: Finding Square Root by Division Method, Finding Square Root by Prime Factorisation, Patterns of Square, Squares 6. Cube and Cube Roots: Introduction to Cubes and Their Patterns, Perfect Cubes. 7. Comparing Quantities: Compound Interest, Percentage and Discounts, Profit and Loss, Sales Tax and Value Added Tax."	21
SEPTEMBER	10	Comparing Quantities (cont.) & Half Yearly Examination	8
OCTOBER	21	8. Algebraic Expressions and Identities: Multiplying Polynomials, Standard Identities.	15
NOVEMBER	22	9. Visualising Solid Shapes: Mapping Space around Us, Polyhedrons, Views of 3D-Shapes 10. Mensuration: Area of a General Quadrilateral and a Polygon, Area of Trapezium, Surface Area and Volume of a Cube and a Cuboid, Surface Area and Volume of a Cylinder.	23
DECEMBER	19	11. Exponents and Powers: Expressing Small Numbers in Standard Form, Negative Exponents.	12
JANUARY	20	12. Direct and Inverse Proportion: Direct Proportion, Inverse Proportion. 13. Factorisation: Common Errors, Division of Algebraic Expressions, Factorisation using Algebraic Identities, Methods of Factorisation.	22
FEBRUARY	22	14. Introduction to Graph: Coordinates and the Cartesian Plane, Line Graphs, Linear Graphs.	15
	Subject teacher	Coordinator	Principal

