

ARMY PUBLIC SCHOOL, CHENNAI			
ANNUAL PLAN - MATHEMATICS		CLASS : IX	ACADEMIC YEAR - 2025 - 2026
MONTH	TOTAL NO. OF WORKING DAYS	TOPIC (with sub topics)	NUMBER OF PERIODS REQUIRED
April	17	<b>Number System</b> * Irrational Numbers *Real numbers and their decimal expansions *Representation of real numbers on a number line *Rationalising the denominator *Laws of exponents	18
June	19	<b>Polynomials</b> *Zeros of a polynomial *Remainder Theorem *Factor Theorem *Algebraic Identities	26
July	26	<b>Co Ordinate Geometry</b> *Cartesian System *Plotting a point in the plane if its Coordinates are given <b>Linear Equations in Two Variables</b> * Solution of a linear equation *Graph of a linear equation in two variables *Equations of lines parallel to x-axis and y-axis" <b>Lines and Angles</b> *Pairs of Angles *Parallel lines and a Transversal *Lines parallel to the same line *Angle sum property of a triangle	7+15
August	21	<b>Euclid's Geometry</b> *Euclid's definitions, Axioms and Postulates *Equivalent Versions of Euclid's fifth postulate <b>Triangles</b> *Criteria for congruence of triangles * Some properties of triangles	7 + 22
September	10	<b>Triangles (cont.) &amp;</b> Half Yearly Examination	8
October	21	<b>Quadrilaterals</b> *Angle sum property of Quadrilaterals *Types of Quadrilaterals *Properties of Parallelogram *The Midpoint Theorem	13
November	22	<b>Heron's Formula</b> *Area of a triangle - by Heron's Formula <b>Surface area and Volumes</b> Surface area and volumes of spheres and hemispheres and right circular cones.	5 + 17
December	19	<b>Circles</b> *Angle subtended by a chord at a point * Perpendicular from the centre to a chord *Equal chords and their distances from the centre *Angle subtended by an arc of a circle *Cyclic Quadrilaterals	17
January	20	<b>Statistics</b> *Bargraphs *Histograms (with varying base lengths)	15
February	22	<b>Revision</b>	
	Subject teacher	Coordinator	Principal

