ARMY PUBLIC SCHOOL, CHENNAI			
ANNUAL PLAN - MATHEMATICS		CLASS: X	ACADEMIC YEAR - 2025 - 2026
MONTH	TOTAL NO. OF WORKING DAYS	TOPIC(with sub topics)	NUMBER OF PERIODS REQUIRED
APRIL	17	1. Real Numbers - Fundamental Theorem of Arithmetic, LCM and HCF, Revisiting Rational and Irrational numbers 2. Polynomials - To find the number of zeroes of a polynomials using geometrical representation, Relationship between coefficient and zeroes of a polynomial. 3. A pair of linear equations in two variables - Geometrical representation of a pair of linear equations in two variables.	12 + 5
JUNE	19	3. A pair of Linear Equations in two variables - Solving equations by Algebraically (Substitution method and Elimination method), To solve situational problems 4. . 4. Quadratic Equations - Factorisation by splitting the middle terms, quadratic formula	14 + 5
JULY	26	4. Quadratic Equations - situational problems 5. Arithmetic progression - General form of an AP, General term of an AP, Sum of n terms of an AP 6. Triangles - BPT	16 + 5 (Periodic test - 5)
AUGUST	21	6. Similarity of triangles - AAA, SSS, SAS 7. Co ordinate Geometry - Distance between two points, Section formula 8. Introduction to Trigonometry - Trigonometric ratios of an acute angle, T-ratio's of specific angles and Trigonometric Identities	5+5+11
SEPTEMBER	10 + 4	9. Applications of Trigonometry - Heights and Distances 10. Circles Tangents, Lengths of tangents drawn from an external point to a circle are equal. 11. Areas related to circles - Areas of sectors and segments of a circle, Problems based on area and perimeter/circumference	10 + 4 (Half yearly exam)
OCTOBER	21	12. Surface Areas and Volumes - Combinations of any two shapes 13. Statistics - Mean , Median and Mode of grouped data 14. Probability - Classical definition of probability, simple problems on finding the probability of an event	8+10+3
NOVEMBER	22	REVISION	
DECEMBER	19	Revision/ PRE BOARD EXAM	
	Subject teacher	Coordinator	Principal