

ARMY PUBLIC SCHOOL, CHENNAI			
ANNUAL PLAN - MATHEMATICS		CLASS: VII	ACADEMIC YEAR - 2025 - 2026
MONTH	TOTAL NO. OF WORKING DAYS	TOPIC (with sub topics)	NUMBER OF PERIODS REQUIRED
April	17	Integers - Addition , subtraction of integers and its properties, Multiplication and division of Integers and its properties.(from old textbook).	14
June	19	1.Large Numbers Around Us- A Lakh Varieties!,Reading and Writing Numbers, Land of Tens, Of Crores and Crores!,Exact and Approximate Values, Patterns in Products, 2.Arithmetic Expressions- Simple Expressions, Reading and Evaluating Complex Expressions, Terms in Expression.	19
July	26	2.Arithmetic Expressions- (Contd..) Swapping and Grouping, Swapping the Order of Things in Everyday Life, Removing Brackets. 3.A Peek Beyond the Point- The Need for Smaller Units, A Tenth Part, A Hundredth Part, Decimal Place Value, Notation, Writing and Reading of Decimal Numbers, Units of Measurement, Locating and Comparing Decimals, Addition and Subtraction of Decimals, More on the Decimal System.	14
August	21	4. Expressions Using Letter Numbers- The Notion of Letter-Numbers, Revisiting Arithmetic Expressions, Omission of the Multiplication Symbol in Algebraic Expressions, Simplification of Algebraic Expressions, Algebraic Expressions to Describe Patterns, Patterns in a Calendar, Matchstick Patterns. 5. Parallel and Intersecting Lines- Across the Line, Across the Line, Parallel and Perpendicular Lines in Paper Folding.	21
September	20	5. Parallel and Intersecting Lines- (cont...) - Transversals, Corresponding Angles, Alternate Angles, Consecutive Angle, Parallel Illusions. & Half Yearly Examination.	10
October	21	6. Number Play- Numbers Tell us Things, Picking Parity, Some Explorations in Grids, 3×3 & 4×4 Magic Square , Nature's Favourite Sequence: The Virahāṅka Fibonacci Numbers!, Digits in Disguise. 7. A Tale of Three Intersecting Lines- Triangles, Equilateral Triangles, Constructing a Triangle When its Sides are Given.	20
November	22	7. A Tale of Three Intersecting Lines- (Contd...) , Triangle Inequality, Visualising the Construction of Circles, Visualising the Construction of Circles, Angle Sum Property, Exterior Angles Property, Constructions Related to Altitudes of Triangles, Types of Triangles.	18
December	19	8. Working with Fractions- Multiplication of Fractions, Connection between the Area of a Rectangle and Fraction Multiplication, Simplifying to Lowest Form, Order of Multiplication, Division of Fractions, Some Problems Involving Fractions.	14
January	20	8. Working with Fractions-(Contd..) Division of Fractions, Some Problems Involving Fractions.	10
February	22	Revision	22
	Subject teacher	Coordinator	Principal

