

AIR FORCE SCHOOL BAMRAULI
MONTHLY SPLIT-UP OF SYLLABUS
ACADEMIC SESSION-2026-27

CLASS: VII

SUBJECT: MATHEMATICS

BOOK NAME: GANITA PRAKASH PART 1 & 2

Month	Chapter / Topic	Key Sub-topics	No of Periods	Activity
April	GANITA PRAKASH: PART1 1.Large Numbers Around Us 2.Arithmetic Expressions	Number system, estimation, patterns BODMAS, brackets, simplification	24	Statue height compariso n Equation puzzle race
May	3.A Peek Beyond the Point	Point, line, plane	10	Model making
June	4.Expressions using Letter- Numbers	Variables, constants, Algebraic expressions	12	Matchstic k activity
July	5.Parallel and Intersecting Lines 6.Number Play	Lines, transversal, angle pairs Divisibility, patterns	20	Town map angle hunt Magic square creation
August	7.A Tale of Three Intersecting Lines 8.Working with Fractions	Angles, Triangles Operations with Fractions	24	Straw Triangle activity Area model shading

September	Revision for Term 1 Term 1 EXAM			
October	GANITA PRAKASH PART 2: 1.Geometric Twins	Congruence (SAS, ASA, SSS)	14	Shape overlapping lab
November	2.Operations with Integers 3.Finding Common Ground	Addition, subtraction HCF, LCM	24	Integer staircase game Venn diagram activity
December	4.Another Peek Beyond the point	Decimal Division and Decimal Multiplication, Dividend, Divisor, and Quotient	15	Currency exchange project
January	5.Connecting the Dots 6.Constructions and Tiling	Average, Median, Visualising Data Construction of Perpendicular Bisector, Construction of 90° , 60° , 30° , 15°	20	Area model shading
February	7. Finding the unknown Revision	Matchstick Pattern, Solving Equation, Generating Equation	8	Physical balance demo
March	Annual Exam			