

AIR FORCE SCHOOL BAMRAULI PRAYAGRAJ
ACADEMIC SESSION 2025 - 2026
ANNUAL SPLIT - UP SYLLABUS
CLASS : - VIII SUB: -MATHEMATICS
BOOK NAME-NCERT MATHEMATICS FOR CLASS VIII

SL N O	MONTH	CHA PTER / UNIT NO	TOPIC / SUB - TOPIC	No.of periods	ACTIVITY
1	APRIL	1	RATIONAL NUMBERS	8	To represent the rational numbers on the number line.
		2	LINEAR EQUATIONS IN ONE VARIABLE	10	To solve the equations and verify them.
		3	UNDERSTANDING QUADRILATERALS	5	To list the properties of different quadrilaterals.
2	MAY	3	UNDERSTANDING QUADRILATERALS	8	Draw and name 5 kinds of polygons.
3	JUNE	4	DATA HANDLING	12	List down the marks obtained in different subjects. Find its mean marks.
4	JULY	4	DATA HANDLING	7	To represent the temperature recorded of week using bar graph.
		5	SQUARES AND SQUARE ROOTS	10	To solve different patterns of squares and square roots.
		6	CUBES AND CUBE ROOTS	8	To find the cubes of first ten natural numbers. List first ten perfect cubes of natural numbers.
		PT 1	CH 1, 2 3		

5	AUGUST	7	COMPARING QUANTITIES	10	To find different types of bank accounts and the interest offered in them.
6	SEPTEMBER		Revision		
	17 SEPT - 30 SEPT	HALF YEAR LY	CH 1,2,3,4,5,6,7		

7	OCTOBER	8	ALGEBRAIC EXPRESSIONS AND IDENTITIES	10	To list the different algebraic identities.
		9	MENSURATION	8	Formuae of surface area and volume of cube,cuboid and cylinder
8	NOVEMBER	10	EXPONENTS AND POWERS		To list the laws of exponents.
		11	DIRECT AND INVERSE PROPORTIONS		To find out the time taken by the vehicle to reach from home to school.
9	DECEMBER	12	FACTORISATION		To give different examples of variables and constants.
		PT 2	CH 8,9,10		
10	JANUARY	13	INTRODUCTION TO GRAPHS		To draw the 2D graph and mark its axis.
12	MARCH	3 MARCH	ANNUAL EXAM AND FINAL REPORT		

			CH 8,9,10,11,12,13, CH 2,5,6		
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