

**AIR FORCE SCHOOL BAMRAULI PRAYAGRAJ**  
**ACADEMIC SESSION 2024 - 2025**  
**ANNUAL SPLIT - UP SYLLABUS**  
**CLASS : - VIII SUB: -MATHEMATICS**  
**BOOK NAME-NCERT MATHEMATICS FOR CLASS VIII**

SL NO	MONTH	CHAPTER / 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		10	

			<b>SQUARES AND SQUARE ROOTS</b>		To solve different patterns of squares and square roots.
		<b>6</b>	<b>CUBES AND CUBE ROOTS</b>	<b>8</b>	To find the cubes of first ten natural numbers. List first ten perfect cubes of natural numbers.
	1 JULY - 8 JULY	PT 1	CH 1, 2 3		
<b>5</b>	<b>AUGUST</b>	<b>7</b>	<b>COMPARING QUANTITIES</b>	<b>10</b>	To find different types of bank accounts and the interest offered in them.
<b>6</b>	<b>SEPTEMBER</b>		<b>Revision</b>		
	17 SEPT - 30 SEPT	<b>HALF YEARLY</b>	<b>CH 1,2,3,4,5,6,7,8</b>		

<b>7</b>	<b>OCTOBER</b>	<b>8</b>	<b>ALGEBRAIC EXPRESSIONS AND IDENTITIES</b>	<b>10</b>	To list the different algebraic identities.
			<b>REPORT</b>		
<b>8</b>	<b>NOVEMBER</b>	<b>10</b>	<b>EXPONENTS AND POWERS</b>		To list the laws of exponents.
		<b>11</b>	<b>DIRECT AND INVERSE PROPORTIONS</b>		To find out the time taken by the vehicle to reach from home to school.
<b>9</b>	<b>DECEMBER</b>	<b>12</b>	<b>FACTORISATION</b>		

					To give different examples of variables and constants.
	9 DEC -17 DEC	PT 2	CH 9,10,11		
10	JANUARY	13	INTRODUCTION TO GRAPHS		To draw the 2D graph and mark its axis.
11	FEBRUARY		REVISION		
12	MARCH	3 MARCH	ANNUAL EXAM AND FINAL REPORT CH 9,10,11,12,13 + CH 2,5,6		