

# BAGARIA BAL VIDYA NIKITAN

## LAXMANGARH-SIKAR

### SYLLABUS & LESSON PLANNER-2023-24

<b>Class:-</b>	<b>X</b>	
<b>Subject:-</b>	<b>mathematics</b>	
<b>Teacher Name:-</b>	<b>praveen saini</b>	

### SYLLABUS

Ch.No	NAME OF BOOKS	Name of Chapter	working day	Period	Topic	Month	Week
4 , 7	NCERT	quadratic equation and Coordinate Geometry	22	36	quadratic equation $ax^2 + bx + c = 0$ , ( $a \neq 0$ ).	april	3
					Solutions of quadratic equations between discriminant and nature of roots.	april	3
					Distance Formula	april	3
					Section Formula		
5	NCERT	Arithmetic progression	11	18	Arithmetic Progressions	may	2
					nth Term of an AP	may	2
					Sum of First n Terms of an AP	may	2
8 , 9	NCERT	Introduction to Trigonometry and Some Applications of Trigonometry	13	21	Trigonometric Ratios	june	2
					Trigonometric Ratios of Specific Angles	june	2
					Trigonometric Identities	june	2
					Heights and Distances	june	2
11 , 12	NCERT	Areas Related to Circles and Surface Areas and Volumes	25	41	Areas of Sector and Segment of a Circle	july	5
					Surface Area of a Combination of Solids	july	5
					Volume of a Combination of Solids	july	5

2	NCERT	Polynomials	26	43	Geometrical Meaning of the Zeroes	Aug.	4
					Zeroes and Coefficients of a Polynomial	Aug.	
1, 3	NCERT	Real Numbers and Pair of Linear Equations in Two Variables	24	40	The Fundamental Theorem of Arithmetic	Sept.	4
					Revisiting Irrational Numbers	Sept.	4
					Graphical Method of Solution of a Pair	Sept.	4
					Solving a Pair of Linear Equations	Sept.	4
					Substitution Method, Elimination Method	Sept.	4
	NCERT	Revision	9	15	Revision	Oct.	1
						Oct.	1
					Revision		
16	NCERT	Probability	22	36	Probability — A Theoretical Approach	Nov.	3
						Nov.	3
15	NCERT	Statistics	24	40	Mean of Grouped Data	Dec.	3
					Mode of Grouped Data	Dec.	3
	NCERT	Revision	24	40		JAN	

	NCERT	Revision/Preboard	25	41		FEB	
	NCERT	Revision/Preboard	9	15		MARCH	