BAGARIA BAL VIDYA NIKETAN
LAXMANGARH-SIKAR
SYLLABUS & LESSON PLANNER-2024-25

Class:-	VIII
Subject:-	MATHEMATICS
Teacher Name:-	VIRENDRA KUMAR SONI

SYLLABUS

Ch.No	NAME OF BOOKS	Name of Chapter	working day	Period	Topic	Month	Week
CH 1 3 CH 2	N.C.E.R.T	RATIONAL NUMBERS LINEAR EQUATIONS IN ONE VARIABLES	23	30	CH 1 Introduction, Properties of Rational Numbers, Representation of Rational Numbers on the Number Line, Rational Number between Two Rational Numbers, Word Problems	April	1 2 3 4
CH 3	N.C.E.R.T	UNDERSTANDING QUADRILATERALS	13	17	CH 3 Introduction, Polygons, Sum of the Measures of the Exterior Angles of a Polygon, Kinds of Quadrilaterals, Some Special Parallelograms	May	1,2
CH 4	N.C.E.R.T	DATA HANDLING	11	14	CH 4 Looking for Information, Organising Data, Grouping Data, Circle Graph or Pie Chart, Chance and Probability	June	1,2
CH 5 CH 6	N.C.E.R.T	SQUARES AND SQUARE ROOTS CUBES AND CUBE ROOTS	26	34	CH 5 Introduction, Properties of Square Numbers, Some More Interesting Patterns, Finding the Square of a Number, Square Roots, Square Roots of Decimals, Estimating Square Root	July	1 2 3,4
CH 7 CH8	N.C.E.R.T	COMPARING QUANTITIES ALGEBRAIC EXPRESSIONS AND IDENTITIES	24	32	CH 7 Recalling Ratios and Percentages, Finding the Increase and Decrease Percent, Finding Discounts, Prices Related to Buying and Selling (Profit and Loss), Sales Tax/Value Added Tax/Goods and Services Tax, Compound Interest, Deducing a Formula for Compound Interest, Rate Compounded Annually or Half Yearly (Semi Annually), Applications of Compound Interest Formula	August	1 2 3 4

CH 9	N.C.E.R.T	MENSURATION	23	30	CH 9 Introduction, Let us Recall, Area of Trapezium, Area of General Quadrilateral, Area of Polygons, Solid Shapes, Surface Area of Cube, Cuboid and Cylinder, Volume of Cube, Cuboid and Cylinder, Volume and Capacity	September	1
							2
							3,4
Syllabus Break due to Exam Period and Holidays in the month of October							
CH 10		EXPONENTS AND POWERS	23	30	CH 10 Introduction, Powers with Negative Exponents, Laws of Exponents, Use of Exponents to Express Small Numbers in Standard Form	November	1
							2
							3
							4
CH 12	N.C.E.R.T	FACTORISATION	23	30	CH 12 Introduction, What is Factorisation?, Division of Algebraic Expressions, Division of Algebraic Expressions Continued (Polynomial / Polynomial), Can you Find the Error?	December	1
							2
							3
							4