

BAGARIA BAL VIDYA NIKETAN

LAXMANGARH-SIKAR

SYLLABUS & LESSON PLANNER-2024-25

Class:-	X
Subject:-	CHEMISTRY
Teacher Name:-	SANJAY KUMAR KUMAWAT

SYLLABUS

Ch.No	Name of Books	Name of Chapter	working day	Period	Topic	Month	Week
1	N.C.E.R.T	: Chemical Substances - Nature and Behaviour	23	12	: Chemical equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, endothermic exothermic reactions, oxidation and reduction	APRIL	1
							2
							3
							4
1			13	7		MAY	1,2
2		Acids, bases and salts	11	6	Their definitions in terms of furnishing of H ⁺ and OH ⁻ ions, General properties, examples and uses, neutralization, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris	JUNE	1
							2
3		Metals and nonmetals	26	13	Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention.	JULY	1
							2
							3,4
4		Carbon compounds	24	12	Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series. Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes), difference between saturated hydro carbons and unsaturated hydrocarbons. Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents	AUGUST	1
							2
						3	
						4	
	23		11	SEPTEMBER		1,2,3,4	
			2				
			3				