BAGARIA BAL VIDYA NIKETAN

LAXMANGARH-SIKAR

SYLLABUS & LESSON PLANNER-2025-26

Class:-	X
Subject:-	CHEMISTRY
Teacher Name:-	DR.ASHISH K. AWASTHI

SYLLABUS

Ch.No	Name of Chapter	working day	Period	Topic	Month	WEAK
Chapter-1	Chemical Reactions and Equations	23	12	**Chemical Reactions and Equations:** Chemical reactions, Chemical equation, Balanced chemical equation, types of chemical reactions: ombination, decomposition, displacement, double displacement, precipitation.endothermic exothermic reactions, oxidation and reduction	APRIL	1,2,3,4
Chapter-2	Acids, Bases and Salts	13	17	**Acids, Bases and Salts**: Acids and Bases – definitions in terms of furnishing of H+ and OH– ions, identification using indicators,	MAY	1,2
Chapter-2	Acids, Bases and Salts	11	15	chemical 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
Chapter-2	Metals and Non-metals	27	35	**Metals and Non-metals:** 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
Chapter-3	Carbon and its Compounds	24	32	**Carbon and its Compounds:** Covalent bonds – formation and properties of covalent compounds, Versatile nature of carbon, Hydrocarbons – saturated and unsaturated Homologous series. Nomenclature of alkanes, alkenes, alkyne and carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes).	AUGUST	1,2,3,4

| Chapter-3 | Carbon and its Compounds | 22 | 31 | Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents. | SEPTEMBER | 1,2,3,4 |