

New Era Senior Secondary School Nizampura Vadodara

Class 10 Chemistry annual lesson plan 2026-2027

MONTH	NO. OF DAYS	CHAPTER	CONTENT
April	23	Chemical Reactions and Equations	Chemical equation. Balanced chemical equation, Implication of a balanced chemical equation, Types of chemical reactions: Combination, Decomposition, Displacement, double displacement, Precipitations.
May	2	Chemical reactions	Neutralization and Redox reactions.
June	19	Acids, Bases, and Salts	Their definition in terms of furnishing of H^+ and OH^- ions, General properties, Examples and uses, Concept of pH scale.
July	26	Acids, Bases and Salts	Importance of pH in everyday life, preparation and uses of NaOH, $CaOCl_2$, $NaHCO_3$, $Na_2CO_3 \cdot 10H_2O$ and $2CaSO_4 \cdot H_2O$
August	23	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
September	23	Metals and Non-Metals	Covalent bonding in carbon compounds, Allotropic forms of carbon, Versatile nature of carbon, Homologous series.
October	23	Carbon and its Compounds	Covalent bond, catenation, hydrocarbons, Difference between saturated hydrocarbons and unsaturated hydrocarbons.
November	11	Carbon and its Compounds	Chemical properties of carbon compounds such as alcohol and ethanoic acid. Functional groups.
December	23		Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehyde, alkanes, carboxylic acids and their derivatives, alkanes, alkenes and alkynes)
January	22	Revision	
February	23	Revision	
March		Revision	

