

CLASS XI (SCIENCE)

SUBJECT – CHEMISTRY (043)

MONTHS	TOPICS	ASSIGNMENT/ACTIVITY/PRACTICAL
MAY	1. Basic concepts of chemistry. 2. Structure of atom	➤ Basic laboratory techniques
JUNE	3. Classification of elements and periodicity in properties.	➤ Characterization and purification of chemical substances
JULY	4. Chemical bonding and molecular structure. 5. States of matter: gases and liquids.	➤ Experiments based on pH
AUGUST	6. Chemical thermodynamics	➤ Chemical equilibrium
SEPTEMBER	Chemical thermodynamics Revision Half-yearly	Revision
OCTOBER	7. Equilibrium 8. Redox reaction	➤ Chemical equilibrium
NOVEMBER	9. Hydrogen 10. s-Block elements	➤ Quantitative analysis
DECEMBER	11. Some p- block elements. 12. Organic chemistry: some basic principles and techniques.	➤ Qualitative analysis ➤ Detection of cations
JANUARY	13. Hydrocarbons	➤ Detection of anions
FEBRUARY	14. Environmental chemistry Revision	Revision