

# St. Xavier's School

## Syllabus and Lesson Planner



Class	12	Syllabus (2024-5)		
Subject	Chemistry			
Ch. No.	Name of Chapter	Topic	Month	Week
1	Solution	1. Concentration term	March	1
		2. Solubility - Henry's law, Vapour pressure -	March	1
		3. Ideal and non-ideal solution	April	1
		4. Colligative properties	April	1
2	Electrochemistry	1. Electrochemical cell- Galvanic cell	April	1
		2. Conductivity of electrolytic cell	April	1
		3. Electrolytic cell and Faraday's law of	April	1
3	Chemical kinetics	1. Rate of chemical reaction	May	1
		2. Integrated rate equation	May	1
		3. Temperature dependent of chemical reaction	June	1
4	Haloalkane and Haloarene	1. Preparation and properties of Haloalkanes	June	1
		2. Preparation and properties of Haloarenes	July	1
5	Alcohols, Phenols and Ethers	1. Preparation and properties of Alcohols	July	1
		2. Preparation and properties of Phenols	July	1
		3. Preparation and properties of Ethers	July	1
6	Aldehydes, Ketones and Carboxylic acid	1. Preparation and properties of aldehydes and	Aug.	1
		2. Aromatic aldehyde and ketones	Aug.	1
		3. Preparation and properties of carboxylic acid	Aug.	1
7	Amines	1. Preparation and properties of Amines	Sept.	1
		2. Preparation and properties of aromatic amines	Sept.	1
8	D and F block elements	1. General properties of Transition elements	Oct.	1
		2. Compound of Transition elements	Oct.	1
		3. Lanthanoid and Actinoid	Oct.	1
9	Coordination compound	1. Nomenclature and Isomerism	Nov.	1
		2. Bonding in Coordination compound	Nov.	1
		3. Bonding in Metal carbonyl	Nov.	1
10	Biomolecules	1. Carbohydrate and protein	Dec.	1
		2. Vitamins and nucleic acid	Dec.	1