



ST. LAWRENCE HIGH SCHOOL
27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019
 Session Plan/Syllabus Coverage for the Academic Year 2026-2027



Subject: CHEMISTRY

Term: FIRST

Subject Co-ordinator: Rudra Prosad Pandit

Name of the Book: CONCISE CHEMISTRY-X

No. of Working Days: 38

No. of Periods Available: 22

Class: X

Sections: A, B & C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHNG AIDS
APRIL	9	1. PERIODIC TABLE	Periodicity, Periodic properties and their variation in periodic table.	Concept related to sub-topics will be discussed and questions and exercise will be done.(Pg-18-21)	Periodic table chart.
		2. CHEMICAL BONDING	Covalent, Ionic and co-ordinate bond formation, properties and structure of compounds.	Concept related to sub-topics will be discussed and questions and exercise will be done.(Pg-37-39)	Stimulated videos on formation of covalent and ionic compounds.
MAY	6	3. ACIDS, BASES AND SALTS	Definition, classification and chemical equations and their observations. Formation & type of salt.	Concept related to sub-topics will be discussed and questions and exercise will be done.(Pg-50,51, 63-66)	Demonstration of pH, and identification of acid & base in lab.
		4. ANALYTICAL CHEMISTRY	Action of Alkali on different salt and observation.	Concept related to sub-topics will be discussed and questions and exercise will be done.(Pg-72-74)	Lab experiments.
JUNE	7	5. MOLE CONCEPT & STOICHIOMETRY	Gay Lussac's law, Avogadro,s law, vapour density and relative molecular mass.	Concept related to sub-topics will be discussed and questions and exercise will be done along with Numericals. (Pg- 81)	Board and text book.

Syllabus of UNIT 1 examination – 1. Periodic table, 2. Chemical Bonding, 3. Analytical chemistry.

Teachers are requested to prepare a LESSON PLANS for each Topic month wise.
 Kindly mention the chapters included for Terminal Examinations.

Signature of the Co-Teachers: 1. *R. Pandit* 2. *Soumukh Chatterji*

[Signature]

PRINCIPAL

Submitted on: *21.04.2026*

Academic Coordinator: *Chaitali Roy*

VICE PRINCIPAL

[Signature]



ST. LAWRENCE HIGH SCHOOL
27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019
 Session Plan/ Syllabus Coverage for the Academic Year 2024-2025



Subject: CHEMISTRY

Term: FIRST

Subject Co-ordinator: RUDRA PROSAD PANDIT

Name of the Book: CONCISE CHEMISTRY -X

No. of Working Days: 38, 59+8

No. of Periods Available: 26+5

Class: X

Sections: A, B & C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
JULY	13	5. MOLE CONCEPT & STOICHIOMETRY (CONTINUED) 6. ELECTOLYSIS 7. METALLURGY	Determination of empirical formula and molecular formula, calculation based on chemical equation. Introduction and concept, products obtained by electrolysis & Application (electro plating & refining) Introduction & general processes involved in metallurgy, extraction of Aluminium from its ore & Alloys.	Concept related to sub-topics and exercise will be done along with Numericals. (Pg- 84-90, & 94-107) Concept related to sub-topics will be discussed and questions and exercise will be done. (Pg-124-127) Concept related to sub-topics will be discussed and questions and exercise will be done. (Pg-146-148)	Text book & Board. Videos on electrolysis and application. Videos on Industrial processes and alloys & uses.
AUG	11	8. HYDROCHLORIC ACID 9. AMMONIA 10. NITRIC ACID	Preparation, physical & chemical properties, Uses. Preparation, physical & chemical properties, Uses. Preparation, physical & chemical properties, Uses.	Concept related to sub-topics will be discussed and questions and exercise will be done. (Pg-156-158) Concept related to sub-topics will be discussed and questions and exercise will be done. (Pg-168-172) Concept related to sub-topics will be discussed and questions and exercise will be done. (Pg-178-182)	Lab demonstration of preparation & properties.
SEP	2+5	REVISION OF CHAPTERS	Chp: 1-10	Revision of 10 chapters	Model papers, previous year questions.

Syllabus of 1st term Examination: 1. Periodic table, 2. Chemical Bonding, 3. Acids, Bases & Salt, 4. Analytical chemistry, 5. Mole concept & Stoichiometry (continued), 6. Electrolysis, 7. Metallurgy
8. Hydrochloric acid 9. Ammonia, 10. Nitric acid

Teachers are requested to prepare a LESSON PLANS for each Topic month wise.
Kindly mention the chapters included for Terminal Examinations.

Signature of the Co-Teachers: 1. Pandit 2. Soumak Chatterji

Pandit
PRINCIPAL

Submitted on: 21.09.26

Academic Coordinator: Chaitali Roy

VICE PRINCIPAL

Chatterji