



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019

Session Plan for the Academic Year 2025-2026



Subject: CHEMISTRY

Term: FIRST

Name of the Subject Co-Ordinator: SOUMAK CHATTERJEE

No. of Working Days: 103

No. of Periods Available: 21

Class: 9

Section: A, B, C

Text Book: CONCISE CHEMISTRY_SELINA PUBLISHERS_CL- 9 (C.CH9)

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
April	09	CH-1 THE LANGUAGE OF CHEMISTRY [C.CH9:Pg-1-17]	<ul style="list-style-type: none"> SYMBOLS, VALENCY, FORMULA, RADICALS (C.CH.9) pg.no. 1,2,3,4,5 WRITING CHEMICAL FORMULAE (C.CH.9)pg.no. 7 NAMING CERTAIN COMPOUNDS (C.CH.9)pg.no. 8 CALCULATIONS OF VALENCY (C.CH.9)pg.no.9 EXERCISE (C.CH.9)pg.no. 9,10 CHEMICAL EQUATION (C.CH.9) pg.no. 10,11 RELATIVE ATOMIC AND MOLECULAR MASS (C.CH.9) pg.no. 15,16 PERCENTAGE CALCULATIONS AND EMPIRICAL FORMULA (C.CH.9) pg.no. 16,17 	<ul style="list-style-type: none"> Explanation of the corresponding topics Objective Type Questions [C.CH9: CH 1: Page-10,11-Exercise 1A] 	Model on Atomic Structure, Demonstration with Test tubes, Burette & Pipette.
May	06	CH-2 CHEMICAL CHANGES AND REACTIONS [C.CH9: Pg-21-30]	<ul style="list-style-type: none"> CHEMICAL CHANGE AND ITS CHARACTERISTICS(C.CH.9)pg.no.21,22 TYPES OF CHEMICAL CHANGES AND REACTIONS(C.CH.9)pg.no.24, 25 ENERGY CHANGE IN CHEMICAL REACTIONS(C.CH.9) pg.no.31, 32 	<ul style="list-style-type: none"> Notes on corresponding topics Objective Type Questions [C.CH9: CH 1: Pg- 19,20,21-Exercise-1C] 	Universal Indicator Paper with different types of colour changes.
June	06	CH-3 WATER [C.CH9: Pg-33-48]	<ul style="list-style-type: none"> PHYSICAL PROPERTIES OF WATER(C.CH.9)pg.no.35, 36, 37 TYPES OF SOLUTIONS(C.CH.9)pg.no.39, 40 SOLUBILITY AND CRYSTALLIZATION(C.CH.9)pg.no.40, 41, 42, 43, 44 DRYING AND DEHYDRATING AGENTS(C.CH.9)pg.no.47 SOFT AND HARD WATER AND TYPES OF HARDNESS(C.CH.9)pg.no.50- 53 	<ul style="list-style-type: none"> Objective Type Questions [C.CH9: CH 2: page 24-Exercise-2A, 30,31-Exercise-2B] Objective Type Questions [C.CH9: CH 3: page38-Exercise-3A] Objective Type Questions [C.CH9: CH 3: page 49-Exercise 3B] Recapitulating important topics 	Different types of Crystals & Drying Agents.
Unit Test 1: Begins from 23 rd June. Syllabus for Unit Test 1: CH-1 THE LANGUAGE OF CHEMISTRY & CH-2 CHEMICAL CHANGES AND REACTIONS					

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. Soumak chatterjee 2. Anand Paul Chowdhury

Submitted on: 21.04.2025

Academic Co-ordinator: R. Banerjee

PRINCIPAL

VICE PRINCIPAL



ST. LAWRENCE HIGH SCHOOL

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Session Plan for the Academic Year 2025-2026



Subject: CHEMISTRY

Term: FIRST

Name of the Subject Co-ordinator: SOUMAK CHATTERJEE

No. of Working Days: 103

No. of Periods Available: 26

Class: 9 Section: A, B, C

Book: CONCISE CHEMISTRY_SELINA PUBLISHERS_CL- 9(C.CH9)

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
JULY	12	CH 4 – ATOMIC STRUCTURE AND CHEMICAL BONDING [C.CH9: Pages-54-71]	<ul style="list-style-type: none">ELEMENT,ATOM (C.CH9) pg.no.7- 60DISCOVERY OF ELECTRONS,PROTONS(C.CH9) pg.no. 59NUCLEUS,BOHR'S ATOMIC MODEL(C.CH9) pg.no.60-57NEUTRONS,ATOMIC STRUCTURE(C.CH9) pg.no.62ATOMIC NUMBER(C.CH9) pg.no.62	<ul style="list-style-type: none">Explanation of the topics with examples.Objective Type Questions [C.CH9: CH 4: page 62- Exercise 4A]Notes on corresponding topicsObjective Type Questions [C.CH9: CH 4: page 69, 70, 71- Exercise 4C]	Model Demonstration on Electrovalent Bond, Covalent Bond & Coordinate Bond.
AUGUST	10	CH 5 – THE PERIODIC TABLE [C.CH6: Pages 78-95]	<ul style="list-style-type: none">CLASSIFICATIONS OF ELEMENTS,DOBREINER'S TRIADS (C.CH9) pg.no. 71-72NEWLAND'S LAW OF OCTAVES AND MENDELEEV'S P.TABLE (C.CH9) pg.no 83, 84, 85,88MERITS,DEFECTS AND GENERAL TRENDS OF MODERN P.TABLE(C.CH9) pg.no. 91SIMILARITIES BETWEEN HYDROGEN- 96	<ul style="list-style-type: none">Notes on relevant topicsObjective Type Questions [C.CH9: CH 5: page 87- Exercise 5A]Objective Type Questions [C.CH9: CH 5: page 99, 100, 101- Exercise 5C]Notes on corresponding topics	Periodic Table Model demonstration on Proton, Electron & Neutron.
SEPTEMBER	04	Revision of First Term Chapters as per requirement of the students Discussion on Previous Years Question Paper	FIRST TERM EXAMINATION BEGINS FROM 15 TH SEPTEMBER, 2025 SYLLABUS: CH-1 THE LANGUAGE OF CHEMISTRY, CH-2 CHEMICAL CHANGES AND REACTIONS, CH-3 WATER, CH 4 – ATOMIC STRUCTURE AND CHEMICAL BONDING & CH 5 – THE PERIODIC TABLE		

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Kindly mention the chapters included for Terminal Examinations.

Signature of the Co-Teachers: 1. Soumak chatterjee 2. Anub Paul Chowdhury

Submitted on: 21.04.2025

Academic Co-ordinator:

K. Banerjee

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[Signature]

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ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019

Session Plan for the Academic Year 2025-2026



Subject: CHEMISTRY

Term: SECOND

Name of the Subject Co-ordinator: SOUMAK CHATTERJEE

No. of Working Days: 92

No. of Periods Available: 17

Class: 9

Section: A, B, C

Book: CONCISE CHEMISTRY_SELINA PUBLISHERS_CL- 9(C.CH9)

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
OCTOBER Second Term begins from 07 th October 2025	7	CH 6 – STUDY OF THE FIRST ELEMENT-HYDROGEN [C.CH9: Pages 96-113]	<ul style="list-style-type: none"> DISCOVERY, OCCURRENCE, PREPARATION OF HYDROGEN (C.CH9) pg.no.102-104 APPLICATION OF ACTIVITY SERIES IN THE PREPARATION OF HYDROGEN(C.CH9) pg.no.106, 107 LABORATORY PREPARATION AND MANUFACTURE OF HYDROGEN(C.CH9) pg.no.109, 110 OXIDATION AND REDUCTION(C.CH9) pg.no.112-113 	<ul style="list-style-type: none"> Objective Type Questions [C.CH9: CH 6: page 118, 119-Exercise 6D] Objective Type Questions [C.CH9: CH 6: page 111-Exercise 6B] 	Apparatus for the Laboratory preparation of Hydrogen
NOVEMBER	10	CH 7 – STUDY OF GAS LAWS [C.CH9: Pages 114-127] Unit Test 2: Begins from 17 th November 2025.	<ul style="list-style-type: none"> BEHAVIOUR AND CHARACTERISTICS OF GASES (C.CH9) pg.no.120-121 THE GAS LAWS, RELATIONSHIP BETWEEN PRESSURE VOLUME AND TEMPERATURE(C.CH9) pg.no.122-126 ABSOLUTE TEMPERATURE, CONVERSION OF VARIOUS SCALE OF TEMPERATURE (C.CH9) pg.no.127-130 THE GAS EQUATION, S.T.P, EFFECTS OF MOISTURE ON PRESSURE (C.CH9) pg.no.128-129 	<ul style="list-style-type: none"> Notes on corresponding topics SOLVING IMPORTANT Q & A CH 7 (C.CH9) pg.no. 131, 132- Exercise 7 	Demonstration with the help of a Barometer
Syllabus for Unit Test 2: CH 6 – STUDY OF THE FIRST ELEMENT-HYDROGEN & CH 7 – STUDY OF GAS LAWS					

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. Soumak chatterjee 2. Anind Paul Chowdhury

Submitted on: 21.04.2025

Academic Co-Ordinator: K. Banerjee.

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Session Plan for the Academic Year 2025-2026



Subject: CHEMISTRY

Term: SECOND

Name of the Subject Co-ordinator: SOUMAK CHATTERJEE

No. of Working Days: 92

No. of Periods Available: 22

Class: 9 Section: A, B, C

Book: CONCISE CHEMISTRY_SELINA PUBLISHERS_CL- 9(C.CH9)

MONTH	NO. OF PERIODS	• LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
DECEMBER	8	CH 8 – ATMOSPHERIC POLLUTION [C.CH9: Pages 128-137]	<ul style="list-style-type: none">AIR POLLUTION(C.CH9) pg.no.135-138ACID RAIN(C.CH9) pg.no.138-140GLOBAL WARMING AND OZONE(C.CH9) pg.no.140-141	<ul style="list-style-type: none">Notes on corresponding topicsLive demonstrationObjective Type Questions [C.CH9: CH 7: Page-133, 134-Exercise 7]	3D Model on Global Warming.
JANUARY 2025	9	Revision of First term Chapters as per requirement (Chapter: 1,2,3,4,5)	REVISION OF ALL CHAPTERS (1,2,3,4,5,6,7,8) FOR THE SECOND TERM	<ul style="list-style-type: none">Notes on corresponding topicsObjective Type Questions [C.CH9: CH 8: Pages 141-Exercise 8C, Page 144, 145-Exercise 8D]	Audio Visual Representation
	Last Date of Submission of Chemistry Lab Notebook: 13 th January 2026				
FEBRUARY	5	Revision	SECOND TERM EXAMINATION BEGINS FROM 16 TH FEBRUARY, 2026		
CHAPTERS: CH 1-THE LANGUAGE OF CHEMISTRY, CH 2- CHEMICAL CHANGES AND REACTIONS,CH-3 WATER, CH 4 – ATOMIC STRUCTURE AND CHEMICAL BONDING, CH 5 – THE PERIODIC TABLE, CH 6 – STUDY OF THE FIRST ELEMENT-HYDROGEN, CH 7 – STUDY OF GAS LAWS,CH 8 – ATMOSPHERIC POLLUTION					
March	NIL	ONGOING EXAMINATION Correction Work Continues			

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2. Anub Paul Chatterjee

Submitted on: 21.04.2025

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