



# ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019

Session Plan for the Academic Year 2026-2027



Subject: CHEMISTRY

Term: FIRST

Name of the Subject Co-Ordinator: SOUMAK CHATTERJEE

No. of Working Days: 38

No. of Periods Available: 22

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"> <li>• SYMBOLS,VALENCY,FORMULA,RADICALS (C.CH.9) pg.no. 1,2,3,4,5</li> <li>• WRITING CHEMICAL FORMULAE (C.CH.9)pg.no. 7,8</li> <li>• CALCULATIONS OF VALENCY (C.CH.9)pg.no.9</li> <li>• EXERCISE (C.CH.9)pg.no. 9,10</li> <li>• CHEMICAL EQUATION (C.CH.9) pg.no. 10,11</li> <li>• RELATIVE ATOMIC AND MOLECULAR MASS (C.CH.9) pg.no. 15,16</li> <li>• PERCENTAGE CALCULATIONS AND EMPIRICAL FORMULA (C.CH.9) pg.no. 16,17</li> </ul>	<ul style="list-style-type: none"> <li>• Explanation of the corresponding topics</li> <li>• Objective Type Questions [C.CH9: CH 1: Page-10,11-Exercise 1A]</li> </ul>	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"> <li>• CHEMICAL CHANGE AND ITS CHARACTERISTICS(C.CH.9)pg.no.21,22</li> <li>• TYPES OF CHEMICAL CHANGES &amp; REACTIONS(C.CH.9)pg.no.24, 25</li> <li>• ENERGY CHANGE IN CHEMICAL REACTIONS(C.CH.9) pg.no.31, 32</li> </ul>	<ul style="list-style-type: none"> <li>• Notes on corresponding topics</li> <li>• Objective Type Questions [C.CH9: CH 1: Pg- 19,20,21-Exercise-1C]</li> </ul>	Universal Indicator Paper with different types of colour changes.
June	07	CH-3 WATER [C.CH9: Pg-33-48]	<ul style="list-style-type: none"> <li>• PHYSICAL PROPERTIES OF WATER(C.CH.9)pg.no.35, 36, 37</li> <li>• TYPES OF SOLUTIONS(C.CH.9)pg.no.39, 40</li> <li>• SOLUBILITY AND CRYSTALLIZATION(C.CH.9)pg.no.40, 41, 42, 43, 44</li> <li>• DRYING AND DEHYDRATING AGENTS(C.CH.9)pg.no.47</li> <li>• SOFT AND HARD WATER AND TYPES OF HARDNESS(C.CH.9)pg.no.50- 53</li> </ul>	<ul style="list-style-type: none"> <li>• Objective Type Questions [C.CH9: CH 2: page 24-Exercise-2A, 30,31-Exercise-2B]</li> <li>• Objective Type Questions [C.CH9: CH 3: page38-Exercise-3A]</li> <li>• Objective Type Questions [C.CH9: CH 3: page 49-Exercise 3B]</li> <li>• Recapitulating important topics</li> </ul>	Different types of Crystals & Drying Agents.
			UNIT TEST I BEGINS FROM 13 <sup>TH</sup> JULY, 2026 [CHAPTER- 1]		

Signature of the Co-Teachers: 1. Soumak Chatterjee 2. Naina Bose

3. Sandip

Submitted on: 20.04.2026

Academic Co-ordinator:

Chaitali Roy

PRINCIPAL

[Signature]

[Signature]

VICE PRINCIPAL



# ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019

Session Plan for the Academic Year 2026-2027



Subject: CHEMISTRY

Term: FIRST & SECOND

Name of the Subject Co-ordinator: SOUMAK CHATTERJEE

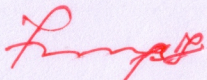
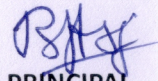
No. of Working Days: 38+59 (FIRST TERM), 8(SECOND TERM) No. of Periods Available: 31 (26+5) Class: 9 Section: A, B, C Book: CONCISE CHEMISTRY\_SELINA PUBLISHERS\_CL- 9(C.CH9)

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
JULY	13	CH 4 – ATOMIC STRUCTURE AND CHEMICAL BONDING [C.CH9: Pages-54-71]	<ul style="list-style-type: none"> <li>ELEMENT,ATOM (C.CH9) pg.no.7- 60</li> <li>DISCOVERY OF ELECTRONS,PROTONS(C.CH9) pg.no. 59</li> <li>NUCLEUS,BOHR'S ATOMIC MODEL(C.CH9) pg.no.60-57</li> <li>NEUTRONS,ATOMIC STRUCTURE(C.CH9) pg.no.62</li> <li>ATOMIC NUMBER(C.CH9) pg.no.62</li> </ul>	<ul style="list-style-type: none"> <li>Explanation of the topics with examples.</li> <li>Objective Type Questions [C.CH9: CH 4: page 62-Exercise 4A]</li> <li>Notes on corresponding topics</li> <li>Objective Type Questions [C.CH9: CH 4: page 69, 70, 71-Exercise 4C]</li> </ul>	Model Demonstration on Electrovalent Bond, Covalent Bond & Coordinate Bond.
AUGUST	11	CH 5 – THE PERIODIC TABLE [C.CH6: Pages 78-95]	<ul style="list-style-type: none"> <li>CLASSIFICATIONS OF ELEMENTS,DOBREINER'S TRIADS (C.CH9) pg.no. 71-72</li> <li>NEWLAND'S LAW OF OCTAVES AND MENDELEEV'S P.TABLE (C.CH9) pg.no 83, 84, 85,88</li> <li>MERITS,DEFECTS AND GENERAL TRENDS OF MODERN P.IABLE(C.CH9) pg.no. 91</li> <li>SIMILARITIES BETWEEN HYDROGEN- 96</li> </ul>	<ul style="list-style-type: none"> <li>Notes on relevant topics</li> <li>Objective Type Questions [C.CH9: CH 5: page 87-Exercise 5A]</li> <li>Objective Type Questions [C.CH9: CH 5: page 99, 100, 101- Exercise 5C]</li> <li>Notes on corresponding topics</li> </ul>	Periodic Table Model demonstration on Proton, Electron & Neutron.
SEPTEMBER	2	Revision of First Term	FIRST TERM EXAMINATION BEGINS FROM 7 <sup>TH</sup> SEPTEMBER, 2026 [CHAPTERS: 1, 2, 3, 4 & 5]		
	5	Second Term Begins from 21 <sup>st</sup> September 2026 CH 6 – STUDY OF THE FIRST ELEMENT-HYDROGEN	<ul style="list-style-type: none"> <li>DISCOVERY,OCCURRENCE,PREPARATION OF HYDROGEN (C.CH9) pg.no.102-104</li> </ul>	Objective Type Questions	Apparatus

Signature of the Co-Teachers: 1. Soumak Chatterjee 2. Naima Jase 3. Bonalok

Submitted on: 20.04.2026

Academic Co-ordinator: Chaitali Roy

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# ST. LAWRENCE HIGH SCHOOL

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Session Plan for the Academic Year 2026-2027



Subject: CHEMISTRY

Term: SECOND

Name of the Subject Co-ordinator: SOUMAK CHATTERJEE

No. of Working Days: 8+34=42

No. of Periods Available: 19

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	8	CH 6 – STUDY OF THE FIRST ELEMENT-HYDROGEN [C.CH9: Pages 96-113]	<ul style="list-style-type: none"> <li>APPLICATION OF ACTIVITY SERIES IN THE PREPARATION OF HYDROGEN(C.CH9) pg.no.106, 107</li> <li>LABORATORY PREPARATION AND MANUFACTURE OF HYDROGEN(C.CH9) pg.no.109, 110</li> <li>OXIDATION AND REDUCTION(C.CH9) pg.no.112-113</li> </ul>	<ul style="list-style-type: none"> <li>Objective Type Questions [C.CH9: CH 6: page 118, 119- Exercise 6D ]</li> <li>Objective Type Questions [C.CH9: CH 6: page 111- Exercise 6B]</li> </ul>	Apparatus for the Laboratory preparation of Hydrogen
NOVEMBER	11	CH 7 – STUDY OF GAS LAWS [C.CH9: Pages 114-127]	<ul style="list-style-type: none"> <li>BEHAVIOUR AND CHARACTERISTICS OF GASES (C.CH9) pg.no.120-121</li> <li>THE GAS LAWS,RELATIONSHIP BETWEEN PRESSURE VOLUME AND TEMPERATURE(C.CH9) pg.no.122-126</li> <li>ABSOLUTE TEMPERATURE, CONVERSION OF VARIOUS SCALE OF TEMPERATURE (C.CH9) pg.no.127-130</li> <li>THE GAS EQUATION,S.T.P,EFFECTS OF MOISTURE ON PRESSURE (C.CH9) pg.no.128-129</li> </ul>	<ul style="list-style-type: none"> <li>Notes on corresponding topics</li> <li>SOLVING IMPORTANT Q &amp; A</li> <li>CH 7 (C.CH9) pg.no. 131, 132- Exercise 7</li> </ul>	Demonstration with the help of a Barometer
			UNIT TEST II BEGINS FROM 16 <sup>TH</sup> NOVEMBER, 2026 SYLLABUS: CHAPTER- 6 [HYDROGEN]		

Signature of the Co-Teachers: 1. Soumak Chatterjee

2. Naima Jase

3. Ranabir

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Session Plan for the Academic Year 2026-2027



Subject: CHEMISTRY

Term: SECOND

Name of the Subject Co-ordinator: SOUMAK CHATTERJEE

No. of Working Days: 42+58=100

No. of Periods Available: 24 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	9	CH 8 – ATMOSPHERIC POLLUTION [C.CH9: Pages 128-137]	<ul style="list-style-type: none"> <li>AIR POLLUTION(C.CH9) pg.no.135-138</li> <li>ACID RAIN(C.CH9) pg.no.138-140</li> <li>GLOBAL WARMING AND OZONE(C.CH9) pg.no.140-141</li> </ul>	<ul style="list-style-type: none"> <li>Notes on corresponding topics</li> <li>Live demonstration</li> <li>Objective Type Questions [C.CH9: CH 7: Page-133, 134-Exercise 7]</li> </ul>	3D Model on Global Warming.
JANUARY 2027	10	Revision	REVISION OF ALL CHAPTERS (1,2,4,5,6,7,8) FOR THE SECOND TERM	<ul style="list-style-type: none"> <li>Notes on corresponding topics</li> <li>Objective Type Questions [C.CH9: CH 8: Pages 141-Exercise 8C, Page 144, 145-Exercise 8D]</li> </ul>	
FEBRUARY	5	Revision	SECOND TERM EXAMINATION BEGINS FROM 15 <sup>TH</sup> FEBRUARY, 2027		
<b>CHAPTERS:</b> 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			

Signature of the Co-Teachers: 1. Soumak Chatterjee

2. Nainafose

3. Samit

Submitted on: 20.04.2026

Academic Co-Ordinator:

Chaitali Roy

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