



ST.LAWRENCE HIGH SCHOOL
27,BALLYGUNGE CIRCULAR ROAD, KOLKATA – 700019



Session Plan/Syllabus Coverage for the Academic Year 2026-2027

Subject: BIOLOGY

Term: FIRST

Name of the Subject Co-ordinator: Ms. Beline Jermy Peter

Name of the Book: Concise Biology 8-Middle School (Selina Publishers Pvt. Ltd.) Edition -Nov 2025- (CB-8)

No. Of Working Days: 61

No. Of Periods Available: 24

Class: VIII

Section: A, B and C

| MONTH | NO. OF PERIODS | LESSONS | TOPICS COVERED | CLASS WORK | TEACHING AIDS |
|---|----------------|--|---|--|---|
| APRIL | 06 | Unit 1: Transport in Plants 1.Transport in plants (CB 8, Pg 1-7) | Transport in plants, the conducting tissues, Transport of food, Water absorption by roots, speciality of root hairs. (CB-8, Pg 1-7) | Difference between of the types of conducting tissues and their components, Concept of osmosis and diffusion, Drawing the diagram of xylem, phloem and root hair (CB-8, Pg 1-7) | Hand-drawn Diagram of xylem, phloem and root hairs |
| MAY | 04 | Unit 1: Transport in Plants 1. Transport in plants contd. (CB-8, Pg 7-14) | Transpiration, Factors affecting the rate transpiration, Importance of transpiration in plants, Uses of water in plants, Importance of minerals (CB- 8, Pg 7-14) | Notes on Importance of minerals and types (CB-8, Pg 7-9), LAQs: Q.no:3,6,8 (CB-8, Pg 10-14) | Activity to demonstrate the experiment showing that the plant loses water through its leaves |
| | | Unit 2: Life Processes 2. Reproduction in Plants (CB- 8, Pg 15-21) | Asexual reproduction, Vegetative Propagation (CB-8, Pg 15-21) | Difference between binary and multiple fission, flowchart of Vegetative Propagation (natural) (CB-8, Pg-15-21) | Drawing of the process of Binary and Multiple fission |
| JUNE | 06 | Unit 2: Life Processes 2. Reproduction in Plants (cont.) (CB-8, Pg -21-22) | Sexual Reproduction in Plants, (CB-8, Pg 21-22) | Drawing of the structure of the flower (CB-8, Pg-21-22) | Model of a typical flower with its internal structure |
| JULY <i>First term Unit test</i> | 08 | Unit 2: Life Processes 2.Reproduction in Plants (cont.) (CB-8, Pg -22-26) | Pollination, Agents of Cross Pollination (CB-8, Pg -22- 26) <i>Syllabus for Unit test 1: Ch 1 Transport in Plants</i> | Notes of Pollination and types of pollination (CB-8, Pg -22-26), LAQs:Q.no.2,3,,4,5,7,8 (CB-8, Pg -26-28) | Diagram of types of pollination |
| | | Unit 2: Life Processes 3. Reproduction in Humans (CB- 8, Pg 29-32) | Asexual Reproduction in Animals, Sexual Reproduction in Animals, Human Reproductive System, Fertilization Implantation, Growth, Birth(CB- 8, Pg 29-32) | Diagram of the Human Reproductive System both male and female, SAQs:Q.no:1:a,b,c(CB-8, Pg 32-35) | Hand –Drawn diagrams of the Human Reproductive systems |

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. Shreyas Basu 2. Abhinav 3. Adhara

Submitted on: 20.04.26

Academic Co-ordinator: Chaitali Roy

VICE-PRINCIPAL: R. Roy

PRINCIPAL :

[Signature]



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA – 700019



Session Plan/Syllabus Coverage for the Academic Year 2026-2027

Subject: BIOLOGY

Term: FIRST AND SECOND

Name of the Subject Co-ordinator: Ms. Beline Jermy Peter

Name of the Book: Concise Biology 8-Middle School (Selina Publishers Pvt. Ltd.) Edition -Nov 2025- (CB-8)

No. Of Working Days: 61,36 + 42 (1st term+2nd term)

No. Of Periods Available:25- 9(1st term) +16(2nd term)

Class: VIII

Section: A, B and C

| MONTH | NO. OF PERIODS | LESSONS | TOPICS COVERED | CLASS WORK | TEACHING AIDS |
|---|----------------|---|---|---|---|
| AUGUST | 08 | Unit 3: Ecosystems 4. Ecosystems (CB-8, Pg-36-43) | Forest Ecosystem, Components of ecosystem, Food chain and food web, Food pyramid, Interdependence between organisms, flora and fauna of forest Ecosystem, need to restore and conserve the ecosystem (CB-8, Pg-36- 43) | Notes on Interdependence of organisms, Flowchart of types of ecosystems (CB-8, Pg 36-43), LAQs: Q.no:1-4 (CB-8, Pg 43-46) | Activity to base on the types of ecosystems |
| | | Unit-6:Food Production Chapter-9-Food production (CB-8, Pg.no.90-100) | Agriculture-Primary food source, Green Revolution, Animal Husbandry, Milch animals, Meat providing, livestock, Poultry, Fish farming, Sericulture, Apiculture (CB-8, Pg.no.90-100) | Notes on the topics- Fish farming, Sericulture, Apiculture, LAQs: Q.no:1,5,10,11 (CB-8, Pg.no.,100-105) | Group discussion on types different revolution in the field of food |
| SEPTEMBER <i>First term Exams- 07.09.2026 To 18.9.2026</i> | 01 | Revision of Chapters 1,2, 3,4 and 9 (CB-8 pg 1-46, pg 90-104) | <u>Syllabus for 1st Term Exam:</u> 1.Transport in plants,2. Reproduction in Plants,3. Reproduction in animals,4. Ecosystems and 9. Food Production | Discussion of questions and Answers | Worksheet |
| | 03 | Unit 4: Human Body 5. Endocrine System and Adolescence(CB-8,Pg 47-50) | Adrenal glands, Pancreas, Pituitary glands, (CB-8, Pg -47-50} | Notes on the topics- Location and Function of glands | Hand-drawn diagram of different endocrine glands. |
| OCTOBER | 06 | Unit 4: Human Body 5. Endocrine System and Adolescence (CB-8, Pg -47-58) | Adolescence, Importance of personal hygiene, stress (CB-8, Pg -50-55) | LAQs:Q.no:5 & 6 (CB-8, Pg -55-58) | Activity to identify the symptoms of stress |
| NOVEMBER <i>Second term Unit test</i> | 07 | Unit 4: Human Body 6.The Circulatory system (CB-8, Pg -59-68) | Human circulatory system, fluids in our body, Heart-The pumping organ, Blood vessels, Blood circulation, Tissue fluid and lymph, blood groups, Heart-related conditions (CB-8, Pg -59-68) <u>Syllabus for test : Ch 5 Endocrine system and Adolescence</u> | Drawing the diagram of Heart-The pumping organ, difference between the types of blood vessels (CB-8, Pg -59-68) SAQ, LAQ {CB-8,Pg 68-70} | Hand-drawn Schematic diagram of circulation of blood in human body |
| | | 7. Nervous system(CB-8,Pg-71-72) | Coordination, Functions of the Nervous system(CB-8,Pg-71-72) | Difference between types of coordination (CB-8,Pg-71-72) | Activity to understand the concept of coordination |

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. Shreya Banerjee 2. Beline Jermy Peter 3. Adheer

Submitted on: 20.04.26

Academic Co-ordinator: Chaitali Roy

VICE PRINCIPAL

Principals
PRINCIPAL:

Principals



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Session Plan/Syllabus Coverage for the Academic Year 2026-2027



Subject: BIOLOGY

Term: SECOND

Name of the Subject Co-ordinator: Ms. Beline Jermy Peter

Name of the Book: Concise Biology 8-Middle School (Selina Publishers Pvt. Ltd.) Edition – Nov 2025- (CB-8)

No. Of Working Days: 42,58

No. Of Periods Available: 17

Class: VIII

Section: A, B and C

| MONTH | NO. OF PERIODS | LESSONS | TOPICS COVERED | CLASS WORK | TEACHING AIDS |
|--|----------------|--|---|---|--|
| DECEMBER | 06 | Unit 4: Human Body 7. Nervous system(CB-8,Pg-72-79) | Structural and the functional unit of Nervous system- The neuron, Nerve, Human nervous system-Central and Peripheral, Reflex action, types of reflexes with examples, Basic terms in the functioning of nervous system(CB-8,Pg-72-77) | Drawing of Nerve cell, Notes on basic terms in the functioning of nervous system(CB-8,Pg-72-77), LAQs:Q.no.1(full),3,5,6(full)(CB-8, Pg -77-79) | Diagram of the Structure of the nerve cell, Reflex arc and Synapse |
| JANUARY | 08 | Unit 5: Health and hygiene 8.Diseases and First Aid (CB-8,Pg-80-89) | Health, categories of diseases, communicable or infectious disease, preventive measures of diseases, vaccination, immunization and first aid (CB-8-Pg-80-89) | Notes on different types of vaccine, SAQs:Q.no.3(full),LAQs:Q.no:2 & 3 (CB-8, Pg -86-89) | Picture of a chart consisting various types of communicable diseases with their causative agent, symptoms and prevention and treatment |
| FEBRUARY <i>Second Term Exams 15.02.27 – 26.02.27</i> | 03 | REVISION OF CHAPTERS 5,6,7 AND 8 (CB-8, pg-47-89) | <u>Syllabus for 2nd Term Exam :</u> 2. Reproduction in plant & 3. Reproduction in Humans (from 1 st term) 5.Endocrine system and adolescence, 6. The Circulatory system, 7. Nervous system and 8. Diseases and First Aid | Discussion of Questions and Answers of the mentioned chapters | worksheets |

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. Shreya Banerjee 2. Belina Jermy Peter 3. Shikha Banerjee

Submitted on: 20.04.26

Academic Co-ordinator: Chaitali Roy

[Signature]
PRINCIPAL:

VICE-PRINCIPAL: [Signature]