



# ST.LAWRENCE HIGH SCHOOL

27,BALLYGUNGE CIRCULAR ROAD, KOLKATA – 700019

Session Plan/Syllabus Coverage for the Academic Year 2025-2026



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 -Dec 2024- (CB-8)

No. Of Working Days: 103

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	05	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 <u>First term unit test begins from 23.06.25</u>	05	Unit 2: Life Processes 2. Reproduction In Plants (Cont.)(Cb-8, Pg -21-22)	Sexual Reproduction in Plants, (CB-8, Pg 21-22) <u>TEST SYLLABUS FOR UNIT 1 – TRANSPORT IN PLANTS</u>	Drawing of the structure of the flower (CB-8, Pg-21-22)	Model of a typical flower with its internal structure
JULY	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)	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. Muhammad Ali 2. Shreya Basu 3. Beline Jermy Peter

PRINCIPAL :

Submitted on: 21/04/25

Academic Co-ordinator: Beline Jermy Peter

VICE-PRINCIPAL:

Beline Jermy Peter





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27, BALLYGUNGE CIRCULAR ROAD, KOLKATA – 700019

Session Plan/Syllabus Coverage for the Academic Year 2025-2026



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 -Dec 2024- (CB-8)

No. Of Working Days: 103 (1<sup>st</sup> term) ,92 (2<sup>nd</sup> term)

No. Of Periods Available:24 - 11(1<sup>st</sup> term) +13(2<sup>nd</sup> 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 begins from 15.09.2025 To 26.9.2025</i>	03	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 Topics- Components of Xylem and phloem, Structure of flower, Human reproductive system. Forest ecosystem etc	Discussion of application based questions and Answers	Flashcards
OCTOBER <i>Second term begins from 07.10.25</i>	06	Unit 4: Human Body 5. Endocrine System and Adolescence (CB-8, Pg -47-58)	Adrenal glands, Pancreas, Pituitary glands, Adolescence, Importance of personal hygiene, stress (CB-8, Pg -47-55)	LAQs:Q.no:5 & 6 (CB-8, Pg -55-58)	Activity to identify the symptoms of stress
NOVEMBER <i>Second term Unit test begins from 17.11.25</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. Harish Ahmed 2. Shreya Basu

3. Beline Jermy Peter

Submitted on: 21/04/25

Academic Co-ordinator: R. Banerjee

VICE PRINCIPAL

R. Banerjee

PRINCIPAL:

[Signature]





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27,BALLYGUNGE CIRCULAR ROAD, KOLKATA – 700019

Session Plan/Syllabus Coverage for the Academic Year 2025-2026



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 – Dec 2024- (CB-8)

No. Of Working Days: 92

No. Of Periods Available: 14

Class: VIII

Section: A, B and C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
DECEMBER	05	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	06	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  <u>Second Term exam begins from 16.02.26 to 27.02.26</u>	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 <sup>ST</sup> TERM) 5.ENDOCRINE SYSTEM AND ADOLESCENCE, 6. THE CIRCULATORY SYSTEM, 7. NERVOUS SYSTEM AND 8. DISEASES AND FIRST AID Topics- Double circulation, endocrine glands and diseases, Function of brain and spinal cord, Symptoms of diseases.	Discussion of Structured Questions and Answers of the mentioned chapters	Flashcards

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. Shaila Shrivastava 2. Shreya Basu 3. Beline Jermy Peter

Submitted on: 21/5/25

Academic Co-ordinator: K. Ranjita

VICE-PRINCIPAL:

PRINCIPAL: