



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2021



SUBJECT: LIFE SCIENCE

TERM: FIRST

TEACHERS' NAME: MANJAREE GUHA AND SHAISTA AHMED

NO. OF WORKING DAYS:-72

CLASS: 9

SECTION: A, B, C, D

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	Chapter 1: Life and its Diversity	Origin of Life, Taxonomy, Plant Kingdom, classification, characteristics and examples.	Short questions on classification to be given	Answering format to be discussed Definitions and notes to be given
FEBRUARY	Chapter 1: Life and its Diversity	Classification of Animals, characteristics and examples of different animal groups.	Short questions on classification of animals	Very short answer type questions and notes on classification of animals to be given Guidelines of the project to be given
MARCH	Chapter 2 : The Levels of Organisation	Biomolecules –inorganic and organic compounds, vitamins and minerals, structure and function of cell organelles	Very short answer type questions on biomolecules and structure of cell	Very short answer type questions and notes on biomolecules and structure of cell to be given Project Topic: <u>Taxonomic hierarchy and classification of five living organisms.</u>
APRIL [1ST TERM ONLINE EXAM BEGINS ON 16.4.2021]	First Term Examination Syllabus :Ch-1,2(till Plant Tissues)  Chapter 2 : The Levels of Organisation	Types of plant tissue-structure and function	Short answer type questions on types of tissues to be given	Notes on differences between different types of plant tissues to be given

Teachers are requested to prepare a LESSON PLAN for each Topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Signature of Teachers: *Manjaree Guha, Shaista Ahmed*  
Submitted on: 15<sup>th</sup> March, 2021.

Academic Co-ordinator:

*Susma Choudhary*  
15/03

PRINCIPAL

VICE PRINCIPAL

*Shruti*  
15/3/2021



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2021

SUBJECT: LIFE SCIENCE  
NO. OF WORKING DAYS:-62

TERM: SECOND

TEACHERS' NAME: MANJAREE GUHA AND SHAISTA AHMED  
CLASS: 9 SECTION: A, B, C, D

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	Ch-2 : The levels of Organization of Life	1. Description of different types of animal tissues, concept of organ and discussion on role & structure of some important organs. 2. Guidelines of the project titled: physiological processes of life	Short question on organs and their roles.	Differences between different types of animal tissues to be given Guidelines of the project to be given
JUNE	Ch-3 : Physiological Processes of life	Photosynthesis ,transpiration, mineral nutrition	Short answer type questions on components and phases of Photosynthesis	Notes to be given on phases of Photosynthesis and mineral nutrients. Project Topic : <u>Circulatory System</u>
JULY	Ch-3 : Physiological Processes of life	1.Transport of water ,minerals and food in plants  2. Respiration-respiratory organs, breathing, types and significance of respiration.	Very short answer type questions on transport in plants to be given.  Short answer type questions on types of respiration and breathing to be given.  Diagrams of the chapters included in the second term to be given.	Notes on transport of water and minerals  Notes on types of breathing and breathing mechanism to be given.
AUGUST [2ND TERM ONLINE EXAM BEGINS ON 5.8.21]	Second Term Examination Syllabus : Ch-1,2,3(till Nutrition)  Ch-3 : Physiological Processes of life Projects to be given on model making	1.Nutrition 2.Circulation 3.Excretion 4. Guidelines of the project titled: Blood circulation through Human heart	Very short answer type questions to be given on nutrition, human blood grouping and blood clotting to be given.	Notes to be given on human digestive system and the physiology of digestion, mechanism of blood clotting and human blood groups. Guidelines of the project to be given

Teachers are requested to prepare a LESSON PLAN for each Topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Signature of Teachers: *Manjaree Guha, Shaista Ahmed*  
Submitted on: 15<sup>th</sup> March , 2021.

PRINCIPAL

Academic Co-ordinator:

*Manjaree Guha*  
15/03

VICE PRINCIPAL

*Manjaree Guha*  
15/3/2021





# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2021



SUBJECT: LIFE SCIENCE

TERM: THIRD

TEACHERS' NAME: MANJAREE GUHA AND SHAISTA AHMED

NO. OF WORKING DAYS: - 66

CLASS: 9

SECTION: A, B, C, D

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	Ch-3 : Physiological processes of life Ch-4 : Biology and Human Welfare	1.Excretion-excretory organs of animals & human excretory system 2.Human immunity, types of vaccines, pathogens causing human diseases, WASH programme	Diagram of Nephron Long answer type questions on types of vaccines	Notes on formation of Urine and human kidneys Very short answer type questions on human excretory system Notes on components of human immune system to be given <u>Project Topic: Industrial and Environmental importance of microorganisms.</u>
OCTOBER	Ch-5 : Environment and its resources	Ecosystem-definition and components ,food chain, food web, energy flow	Short answer type questions on Ecosystem	Notes to be given on components of ecosystem
NOVEMBER	Ch-5 : Environment and its resources(contd.) Revision of the entire syllabus Syllabus Ch-1,2,3, 4 and 5	Ecosystem-Biological pyramids, natural resources and their sustainable use.	Short answer type questions on Ecosystem	Notes to be given on Ecosystem
DECEMBER	Revision of the entire syllabus Syllabus Ch-1,2,3, 4 and 5 Annual Examination begins on 06.12.2021	-----	-----	-----

Teachers are requested to prepare a LESSON PLAN for each Topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Signature of Teachers: *Manjaree Guha, Shaista Ahmed*

Submitted on: 15<sup>th</sup> March, 2021.

Academic Co-ordinator:

*Shreya*  
15/03

PRINCIPAL

VICE PRINCIPAL

*Shreya*  
15/3/2021