



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2019



SUBJECT: LIFE SCIENCE

TERM: FIRST

TEACHER'S NAME: SUBRATA SADHU, DEBJANI CHAKRABORTY, MANJAREE GUHA

NO. OF WORKING DAYS: 86

NO. OF PERIODS AVAILABLE: 23

CLASS: 9

SECTION: A, B, C, D

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	10	Chapter 1 Life and its Diversity	Origin of Life, Taxonomy, Plant Kingdom ,classification, characteristics and examples. Guidelines of the project titled: classification of kingdom Animalia	Short questions on classification to be given Project to be completed and submitted	Answering format to be discussed Definitions and notes to be given Guidelines of the project to be given
FEBRUARY	08	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
MARCH	04 Project to be submitted on 18.03.19 Last Date	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
APRIL	01 1 st term exam begins on 09.04.19	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.

Name of the Teacher: DEBJANI CHAKRABORTY, MANJAREE GUHA, SUBRATA SADHU

Signature of Teacher: *Debjani Chakraborty* 28.1.19, *Manjaree Guha* 28.1.19, *Subrata Sadhu*

PRINCIPAL

Submitted on: 28.01.19

Academic Co-ordinator *MU* 29.1.19

VICE-PRINCIPAL *[Signature]* 13/2/19



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2019

SUBJECT: LIFE SCIENCE
NO. OF WORKING DAYS: 70

TERM: SECOND

NO. OF PERIODS AVAILABLE: 29

TEACHER'S NAME: SUBRATA SADHU, DEBJANI CHAKRABORTY, MANJAREE GUHA
CLASS: 9 SECTION: A, B, C, D

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	05	Ch-2 the levels of Organization of Life Projects to be given on Creative Writing	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	09 Project to be submitted on 20.06.19 <i>Last Date</i>	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.
JULY	10 2 nd term exam begins on 29.07.19	Ch-3 Physiological Processes of life Revision Ch-1,2,3(till Nutrition)	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	05	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

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Name of the Teacher: DEBJANI CHAKRABORTY, MANJAREE GUHA, SUBRATA SADHU

Signature of Teacher: *Debjani Chakraborty* 28.1.19, *Manjaree Guha* 28.1.19, *Subrata Sadhu*

PRINCIPAL

Submitted on: 28.01.19

Academic Co-ordinator *[Signature]* 29.1.19

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Syllabus Planner for the year 2019



SUBJECT: LIFE SCIENCE
NO. OF WORKING DAYS: 48

TERM: THIRD.
NO. OF PERIODS AVAILABLE: 21

TEACHER'S NAME: SUBRATA SADHU, DEBJANI CHAKRABORTY, MANJAREE GUHA
CLASS: 9
SECTION: A, B, C, D

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	12 Project to be submitted on 19.09.19 Last Date	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
OCTOBER	06	Ch-5 environment and its resources Revision 3 rd term-Ch-1,2,3,4,5	Ecosystem-definition and components ,food chain, food web, energy flow ,biological pyramids, natural resources and their sustainable use.	Short answer type questions on Ecosystem	Notes to be given on components of ecosystem
NOVEMBER	03 3 rd term exam begins on 15.11.19	Revision of the entire syllabus			
DECEMBER					

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Name of the Teacher: DEBJANI CHAKRABORTY, MANJAREE GUHA, SUBRATA SADHU

Signature of Teacher: *Debjani Chakraborty 28.1.19* *Manjaree Guha 28.1.19* *Subrata Sadhu*

PRINCIPAL

Submitted on: 28.01.19

Academic Co-ordinator *SM* 29.1.19

VICE-PRINCIPAL *SM* 13/2/19