



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Syllabus Planner for the year 2018

TERM: FIRST

TEACHER'S NAME: DEBJANI CHAKRABORTY, SUBRATA SADHU, BELINE JERMY P

No. of working days:-72

No. of periods available: 30

Subject: LIFE SCIENCE

CLASS: 9

SECTION: A, B, C, D

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	09	Ch - 1 Life and its diversity	1. Origin of life, taxonomy, plant kingdom, classification, characteristics and examples. 2. 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	09	Ch-1 Life and its diversity	Classification of animals, characteristics and example of different animal groups	Short question on classification of animals	Very short answer type questions and notes on classification of animals to be given
MARCH	06 PROJECTS TO BE SUBMITTED BY 1 ST MARCH 2018	Ch- 2 The levels of organization of life	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	06 1 st Term exam begins on 16 th April 2018	Ch- 2 The levels of organization of life Revision Ch- 1 & 2(till plant tissue)	Types of plant tissues- structure and function	Short question 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.

Submitted Date: 5/2/18

Signature of Teacher: *S. Chakraborty, Debjani Chakraborty*

ACADEMIC CO-ORDINATOR

Academic Co-ordinator: *M. S. Sadhu*

St. Lawrence High School

PRINCIPAL.

Beline Jermy P
VICE PRINCIPAL



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Syllabus Planner for the year 2018

TERM: SECOND

TEACHER'S NAME: DEBJANI CHAKRABORTY, SUBRATA SADHU, BELINE JERMY P

No. of working days:-33

No. of periods available: 22

Subject: LIFE SCIENCE

CLASS: 9

SECTION: A, B, C, D

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	04	Ch-2 The levels of organization of life Project to be given on creative writing	1. Description of different types of animal tissues, concept of organ and discussion on role and 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 PROJECTS TO BE SUBMITTED BY 18 TH JUNE 2018	Ch-3 physiological processes of life	Photosynthesis, transpiration, mineral nutrition	Short answer type question on components and phases of photosynthesis.	Notes to be given on phases of photosynthesis and mineral nutrients.
JULY	09 2 nd Term exam begins on 25 th July 2018	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 mechanism of breathing 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.

Submitted Date: 5/2/18
Signature of Teacher: *Debjani Chakrabarty*, *Subrata Sadhu*, *Debjani Chakrabarty*

ACADEMIC CO-ORDINATOR

Academic Co-ordinator: *Beline Jermy P* 5/2/18
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Syllabus Planner for the year 2018

TERM: THIRD

TEACHER'S NAME: DEBJANI CHAKRABORTY, SUBRATA SADHU, BELINE JERMY P

No. of working days:-50

No. of periods available: 23

Subject: LIFE SCIENCE

CLASS: 9

SECTION: A, B, C, D

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
AUGUST	08	Ch-3 Physiological processes of life Project to be given on model making	1. Nutrition 2. Circulation 3. Excretion 4. Guidelines of the project titled blood circulation through the heart	Very short answer type question 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
SEPTEMBER	09 PROJECTS TO BE SUBMITTED BY 24 TH SEPTEMBER 2018	Ch-3 Physiological processes of life Ch-4 Biology and human welfare	1. Excretion- excretory organs of animals and human excretory system 2. Human immunity, types of vaccines, pathogens causing human diseases, wash	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	00 Third term exams from 1 st November 2018				
DECEMBER					

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.

Submitted Date: 5/2/18

Signature of Teacher: *S. S. 2*, *Debjani Chakraborty*

PRINCIPAL.

ACADEMIC CO-ORDINATOR

Academic Co-ordinator: *Beline Jermy P*

VICE PRINCIPAL

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