



# ST. LAWRENCE HIGH SCHOOL

JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus planning for the academic year 2021

SUBJECT: LIFE SCIENCE  
NO. OF WORKING DAYS: 72

TERM: FIRST  
CLASS: 8

TEACHERS' NAMES: MS.MANJAREE GUHA, MS.DEBJANI CHAKRABORTY  
SECTION: A, B, C, D

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	CHAPTER 1:TRANSPORT IN PLANTS PAMPHLET:CELL,CELL THEORY,CELL MEMBRANE	DIFFUSION,OSMOSIS,ACTIVE TRANSPORT,VASCULAR SYSTEM OF PLANTS,TRANSPORT OF WATER & MINERALS,MINERAL REQUIREMENTS OF PLANTS	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF XYLEM & PHLOEM ,TRANSPIRATION & DISCUSSION OF LONG ANSWER TYPE QUESTIONS
FEBRUARY	CHAPTER 2:REPRODUCTION IN PLANTS AND ANIMALS CHAPTER 6:THE ENDOCRINE SYSTEM	ASEXUAL & SEXUAL REPRODUCTION IN PLANTS AND ITS TYPES ,POLLINATION,FERTILISATION,SEXUAL REPRODUCTION IN ANIMALS  TYPES OF GLANDS, DIFFERENT TYPES AND THEIR FUNCTIONS.	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF TYPES OF REPRODUCTION & DISCUSSION OF THE CONCEPT OF POLLINATION & FERTILISATION
MARCH	CHAPTER 6:THE ENDOCRINE SYSTEM(CONTD.)	ADOLESCENCE	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	DISCUSSION OF THE STREE MANAGEMENT DURING ADOLESCENCE
APRIL	REVISION <u>FIRST TERM EXAMINATION BEGINS ON 16<sup>TH</sup> APRIL 2021</u>	REVISION OF FIRST TERM EXAMINATION	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF LONG ANSWER TYPE QUESTIONS

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 on: 15.03.2021

Signature of Teachers: *Debjani Chakraborty, Manjaree Guha*

Academic Co-ordinator

*Debjani Chakraborty*  
15/03

PRINCIPAL

VICE-PRINCIPAL

*Manjaree Guha*  
15/3/2021



# ST. LAWRENCE HIGH SCHOOL

JESUIT CHRISTIAN MINORITY INSTITUTION  
Syllabus planning for the academic year 2021



SUBJECT: LIFE SCIENCE  
NO. OF WORKING DAYS: 62

TERM: SECOND  
CLASS: 8

TEACHERS' NAMES: MS.MANJAREE GUHA, MS.DEBJANI CHAKRABORTY  
SECTION: A, B, C, D

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	CHAPTER 3:ECOSYSTEM	COMPONENTS & TYPES OF ECOSYSTEM,INTERACTIONS BETWEEN COMPONENTS,PYRAMIDS,FOREST ECOSYSTEM	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF COMPONENTS AND TYPES OF ECOSYSTEM,ABIOTIC & BIOTIC FACTORS & DISCUSSION OF LONG ANSWER TYPE QUESTIONS
JUNE	CHAPTER 3:ECOSYSTEM(CONTD.) CHAPTER 4:THE CIRCULATORY SYSTEM	FOREST ECOSYSTEM THE BLOOD VASCULAR SYSTEM,BLOOD GROUPS,STRUCTURE & DOUBLES CIRCULATION IN HEART,ABNORMAL HEART CONDITIONS	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF NECESSITY OF CIRCULATION OF BLOOD & DISCUSSION OF THE CONCEPT OF STRUCTURE & FUNCTION OF HEART
JULY	CHAPTER 4:THE CIRCULATORY SYSTEM (CONTD.) CHAPTER 5:THE NERVOUS SYSTEM	LYMPHATIC SYSTEM STRUCTURE & FUNCTION OF NEURON,STRUCTURAL PARTS OF BRAIN,THE PERIPHERAL NERVOUS SYSTEM	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	DISCUSSION OF HOW NERVOUS SYSTEM WORKS BY CO-ORDINATION WITH OTHER BODY PARTS,PARTS OF BRAIN & THEIR FUNCTION
AUGUST	CHAPTER 5:THE NERVOUS SYSTEM (CONTD.),REVISION <u>SECOND TERM EXAMINATION BEGINS ON 05<sup>TH</sup> AUGUST 2021</u>	REFLEX ACTION REVISION OF SECOND TERM EXAMINATION	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	DISCUSSION ON HOW REFLEX ACTION WORKS AND REFLEX ARC

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Submitted on: 15.03.2021

Signature of Teachers: *Debjani Chakraborty, Manjaree Guha*

Academic Co-ordinator

*Manjaree Guha*  
15/03

PRINCIPAL

VICE-PRINCIPAL

*Debjani Chakraborty*  
15/3/2021



# ST. LAWRENCE HIGH SCHOOL

JESUIT CHRISTIAN MINORITY INSTITUTION  
Syllabus planning for the academic year 2021

SUBJECT: LIFE SCIENCE  
NO. OF WORKING DAYS: 66

TERM: THIRD  
CLASS: 8

TEACHERS' NAMES: MS.MANJAREE GUHA, MS.DEBJANI CHAKRABORTY  
SECTION: A, B, C, D

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	CHAPTER 7: HEALTH & HYGIENE CHAPTER 8:FOOD PRODUCTION	DIFFERENCE BETWEEN COMMUNICABLE & NON-COMMUNICABLE DISEASES,TRANSMISSION OF DISEASES,IMMUNISATION,HARMFUL HABITS,FIRST AID  TYPES OF CROPS,HORTICULTURE,GREEN REVOLUTION,ANIMAL REARING,SERICULTURE,APICULTURE	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF TYPES OF DISEASES,PRACTICAL APPLICATION OF MAINTAINING GOOD HYGIENE & DISCUSSION OF LONG ANSWER TYPE QUESTIONS
OCTOBER	CHAPTER 8:FOOD PRODUCTION(CONTD.)	ORGANIC FARMING	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF APPLICATIONS AND SCIENTIFIC TECHNIQUES OF FARMING & DISCUSSION OF THE LONG ANSWER TYPE QUESTIONS
NOVEMBER	FOOD PRODUCTION(CONTD.) REVISION	USEFUL MICROORGANISMS REVISION	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	DISCUSSION OF BASIC CONCEPTS ON THE TOPICS COVERED
DECEMBER	REVISION <u>THIRD TERM EXAMINATION</u> <u>BEGINS ON 6<sup>TH</sup> DECEMBER 2021</u>	REVISION FOR THIRD TERM EXAMINATION	REVISION	REVISION

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Signature of Teachers: *Debjani Chakraborty, Manjaree Guha*

Academic Co-ordinator

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*Manjaree Guha*  
15/3/2021