



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION  
Syllabus planning for the academic year 2021



TERM: FIRST TERM

TEACHER'S NAME: DEBJANI CHAKRABORTY ,PIYALI HALDER, MALOSHREE NIYOGI

Subject: PHYSICAL SCIENCE

CLASS: VII

SECTION: A, B, C

No. of working days: 65

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	Chemistry:1.Matter and its composition.  Physics2.Physical quantities and Measurement	1.States of matter, composition,properties.  2. Density, Volume,Area ,Speed	Objectives,Diagrams And  Short answer type questions	Short and long answer type questions.  Numericals, Short and long answer type questions.
FEBRUARY	Chemistry-1. Matter and its composition.  Physics-2.Motion	1.Composition  2.Rest and motions ,types of motion, distance and speed, uniform and non uniform motion,weight.	Objectives,Diagrams And Short answer type questions  Objectives,Diagrams And Short answer type questions	Short and long answer type questions from the chapter.  Short and long answer type questions from the chapter.
MARCH	Chemistry-2.Physical and chemical changes  <b>Physics-2.Motion</b>	2.different types of physical and chemical changes  2. Examples of types of motion ,Revision.	Objectives,Diagrams And Short answer type questions  Objectives,Diagrams And Short answer type questions,Revision of all chapters of first term.	Short and long answer type questions from the chapter.  Short and long answer type questions from the chapter
APRIL	<b>First Term Exam Begins From 16.04.2021.</b>	REVISION	REVISION	REVISION

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

Signature of Teachers: *Debjani Chakraborty* 15/03/21, *M. Niyogi* 15/3/21, *Piyali Halder* 15/3/21

PRINCIPAL

Academic Co-ordinator: *Maloshree Niyogi* 15/03

VICE PRINCIPAL *Debjani Chakraborty* 15/3/2021



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus planning for the academic year 2021



TERM : SECOND

TEACHER'S NAME: : DEBJANI CHAKRABORTY ,PIYALI HALDER ,AND MALOSHREE NIYOGI

Subject: PHYSICAL SCIENCE

CLASS: VI

SECTION: A, B, C

No. of working days:- 62

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	Physics- 3.Energy Chemistry- 3.Elements,Compounds and Mixture	Work and Energy, different forms of energy, sources,interconversion,conservation and law of conservation of energy.  Uses and reactions of chemicals,pH scale.	Objectives,Diagrams And Short answer type questions  Objectives,Diagrams And Short answer type questions	Short and long answer type questions from the chapter.  Short and long answer type questions from the chapter
JUNE	Chemistry- 4.Atoms,molecules and radicals. Physics- 4.Light	4. Atoms, molecules and radicals, Periodic table and Valency  Reflection and laws of reflection ,plane mirror, characteristics of image formation ,speed of light,Primary and Secondary colour,Appearance of colour of object,colour substraction.	Objectives,Diagrams And Short answer type questions  Objectives,Diagrams And Short answer type questions	Short and long answer type questions from the chapter.  Short and long answer type questions from the chapter.
JULY	Physics-Light contd.  Chemistry- Atoms,molecules and radicals contd REVISION	Revision	Objectives,Diagrams And Short answer type questions  Objectives,Diagrams And Short answer type questions	Short and long answer type questions from the chapter.  Short and long answer type questions from the chapter
AUGUST	<u>Second Term Exam Begins From 5<sup>th</sup> August 2021</u>	REVISION	REVISION	REVISION

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

Academic Co-ordinator

Signature of Teacher :

*Debjani Chakraborty* 15.03.21, *M. Niyogi* 15/3/21, *Piyali Halder* 15/3/21

PRINCIPAL

VICE PRINCIPAL

*[Signature]*  
15/3/2021



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus planning for the academic year 2021



TERM : THIRD TERM

TEACHER'S NAME: : DEBJANI CHAKRABORTY ,PIYALI HALDER AND MALOSHREE NIYOGI

Subject : PHYSICAL SCIENCE

CLASS: VII

SECTION: A, B, C

No. of working days:- 66

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	Chemistry-5.Language of Chemistry Physics- 5.Heat	5.Chemical equations and its types. 5.Temperature, effect of heat, thermal expansion,methods of heat transfer,thermos flask.	Objectives,Diagrams And Short answer type questions Objectives, Diagrams And Short answer type questions.	Short and long answer type questions from the chapter. Short and long answer type questions from the chapter.
OCTOBER	Chemistry-6. Metals and non - metals Physics- 5.Heat contd.	6.Properties,metaaloids,alloys,uses,corr osion ,rusting and its prevention. 5. type of expansions	Objectives,Diagrams And Short answer type questions Objectives, Diagrams And Short answer type questions.	Short and long answer type questions from the chapter. Short and long answer type questions from the chapter
NOVEMBER	Physics-6.Sound Chemistry-6. Metals and non - metals contd. and Revision	magnets and their properties. Revision	2.Objective question and answers Objectives, Diagrams And Short answer 2.Objective question and answers Objectives, Diagrams And Short answer	Short and long answer type questions from the chapter.
DECEMBER	Third Term Exam Starts From 6 <sup>th</sup> Dec 2021	REVISION	REVISION	REVISION

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

Signature of Teachers :

*Debjani Chakraborty* 15.03.21.  
*M. Niyogi* 15/3/21  
*Piyali Halder* 15/3/21

Academic Co-ordinator:

*Debjani Chakraborty*  
 15/03

PRINCIPAL

VICE PRINCIPAL

*Debjani Chakraborty*  
 15/3/2021