



ST. LAWRENCE SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus planning for the academic year 2019



TERM: FIRST TERM TEACHER'S NAME: DEBJANI CHAKRABORTY, PIYALI HALDER

Subject: PHYSICAL SCIENCE

CLASS: VII

SECTION: A, B, C

No. of working days:-.86

No. of periods available: .23.....

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	10	<u>Chemistry</u> :1.Matter and its Composition <u>Physics</u> :2.Physical quantities and Measurement	1. states of matter,properties of matter ,composition of matter,Atoms and molecules. 2. density, volume- definitions, units, area calculations on $D=m/V$.unitstudyfrom booklet.	1.Short answer type questions 2. Evaluation question.	1. Construction of the formula of the compound,short questions 2. Numericals, short answer type question (MCQ)- will be discussed in the class.
FEBRUARY	08	<u>Physics</u> : 2.Motion.Force from booklet.Energy from booklet. <u>Chemistry</u> :2. Physical and chemical changes .Formulaes ,symbols study from booklet.	Rest and motion,types of motion,distance and speed,uniform and non-uniform motion , weight. Discussion of different types of energy, force and study of formula from booklet.	1. Evaluation questions 2.Short answer question(MCQ)	1.Numerical on density 2.Examples of different type e of reaction.
MARCH	04	<u>Physics</u> 1. Motion contd. <u>Chemistry</u> 4. Atoms,Molecules and radicals. Study of periodic table from booklet. <u>1st term syllabus</u> : Chemistry: Matter and its Composition+ Physical and chemical change+Atoms,Molecules and radicals+ symbols from booklet +periodic table analysis from booklet. Physics: Physical quantities and Measurement + Motion+ from booklet :- Force+energy .	1.formulaeof elements and compounds,variablevalency,radicals.Study of periodic table from booklet. 2.Distance, displacement, acceleration, Equation of motion	1. Short answer question1 2. Evaluation questions reaction.	1.Examples of different type of 2.Evaluation
APRIL	05	Revision of 1 st term syllabus 1 st term examination starts from 9 th April.	Revision.	Objective question	

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..... 11.2.19

Signature of Teacher : *Debjani Chakraborty Piyali Halder*

PRINCIPAL

ACADEMIC CO-ORDINATOR

VICEPRINCIPAL

[Signature]
11.2.19



ST. LAWRENCE HIGH SCHOOL



TERM:SECOND TERM

TEACHER'S NAME: DEBJANI CHAKRABORTY ,PIYALI HALDER

Syllabus planning for the academic year 2019

Subject: .PHYSICAL SCIENCE

CLASS: ___VII

SECTION: A, B, C

No. of working days:- 70..... No. of periods available: ..29...

MONTH	NO.OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	05	SECOND TERM BEGINS <u>Physics</u> :Energy <u>Chemistry</u> : Acid,Base& salt	Relation between work and energy,differentforms,sources,Inter-conversion, conservation of energy,Laws of conservation of energy.	Evaluation question	Short answer type question Numericals
JUNE	09	<u>Chemistry</u> :Acid,Base& salt contd. <u>Physics</u> :Light,Heat	Refiection,laws of reflection,planemirror,characteristics of images,speed of light,primary and secondary colour,appearance of colour ,colour subtraction . Acids,uses,bases,uses of salt,ph scale.	Short answer type questions	Conversion of one scale to another scale, working principal of thermoflask, numerical
JULY	10 (2 nd term begins)	<u>Physics</u> :Heat contd. <u>Chemistry</u> :Air 2 nd term exam begins on29 th July. Syllabus for 2nd term: <u>Physics</u>:Light + Heat +Energy+ Physical quantities and Measurement +Motion +Force from booklet. <u>Chemistry</u>: Acids, Bases and salt+Air+Atoms,Molecules&Radicals+symbols +periodic table analysis from booklet.	1.Heat- Conversion of one scale to another scale, working principal of thermoflask, numerical 2. Constituent of air, usefulness, s i g n i f i c a n c e	1.short answer type question 2.Short answer type question	1..Short answer type questions 1. Short answer type questions
AUGUST	05	THIRD TERM BEGINS <u>Physics</u> :1.Sound <u>Chemistry</u> :Metal& Non-metal	1.sources of sound,types of sound,characteristics of sound,reflection and absorpction of sound. 2.Properties of metal and	1.Short answer type question 2.Short question (MCQ)	1shortanswer type question 2. Short questions (MCQ)- will be discussed in the class.

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.....11.2.19.....

Signature of Teacher: *Debjani Chakraborty* P. Halder

ACADEMIC CO-ORDINATOR *[Signature]* 11.2.19

VICEPRINCIPAL *[Signature]* 11/2/19

PRINCIPAL



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



TERM:..... THIRD TERM

TEACHER'S NAME:., DEBJANI CHAKRABORTY ,PIYALI HALDER

Syllabus planning for the academic year 2019

Subject:PHYSICAL SCIENCE

CLASS:VIISECTION: A, B, C

No. of working days:-.55..

No. of periods available: .22....

MONTH	NO.OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	12	<u>Physics</u> :2.Electricity <u>Chemistry</u> : Metal & Non-metal contd.+Elements,Compounds& Mixtures	1.Flow of urrent, sources, circuitdiagrams, resistors, conductors , precautions. 2.Metals and non metals,Alloy.3.characteristics of elements and compounds	1.Short question 2. Short question	1. Short question 2.Short questions(MCQ and SAQ will be discussed.
OCTOBER	06	<u>Physics</u> :3.Magnetism <u>Chemistry</u> : The Language of Chemistry	1. Sources, dry cell, circuit, need to conserve electricity. 2. Chemical reaction,characteristics,types of reactions.Chemicalformulaes from booklet.	1.Objective type questions 2.Objective question and answers	1.Diagrams,Objective type question 2.Objective question and answers
NOVEMBER	4(3 rd term begins)	THIRD TERM EXAM BEGINS 15 TH Nov. <u>Syllabus for the 3rd Term:</u> <u>Physics</u> : 1.Sou nd+ Electricity+ Magnetism + Energy+ Physical quantities and Measurement + Force + energy from booklet. <u>Chemistry</u> : Metal &Non- metal +The Language of Chemistry+ Atoms, Molecules & Radicals + symbols + periodic table analysis from booklet.	<u>Physics</u> : 1.Sou nd+ Electricity+ Magnetism+Energy+ Physical quantities and Measurement + Motion <u>Chemistry</u> : Metal &Non-metal+The Language of Chemistry+ Atoms,Molecules& Radicals+ symbols +periodic table analysis from booklet.	Objective question and answers	Revision of the third term syllabus
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 on.....11.2.19.....

Signature of Teacher:.....*Debjani Chakraborty* P. Halder

PRINCIPAL

ACADEMIC CO-ORDINATOR

VICEPRINCIPAL

[Signature]
11/2/19