



ST. LAWRENCE SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



TEST

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

Syllabus planning for the academic year 2018

Subject: PHYSICAL SCIENCE CLASS: VII

SECTION: A, B, C

No. of working days:-.85

No. of periods available: .33.....

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	9	1.Elements and Compounds 2.Measurement	1.Atoms and molecules, valency, fundamental particles, structure of atom, isotopes, radicals, types of compounds 2. Mass and weight, density, volume-definitions, units, calculations on $D=m/V$,	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	11	1.Measurement 2. Physical and chemical changes	Spring balance, beam balance, measuring instruments. Definition, differences, different types reactions	1. Evaluation questions 2.Short answer question(MCQ)	1 Numerical on density 2 Examples of different type of reaction.
MARCH	4	1.Physical and chemical changes 2. Motion 1st term syllabus: Chemistry: Elements and compounds+ Physical and chemical change Physics: Measurement + Motion	1.Different types reactions 2.Distance, displacement, acceleration, Equation of motion	1.Short answer question 1 Evaluation questions r e a c t i o n .	1. Examples of different type of 2. Evaluation
APRIL	9	Acid,bases and salts	Definition, differences, different types of acids and bases.	Objective question b a s e s d i f f e r e n t t y p e s o f	Basicity of acid, acidity of indicator,types of salts.

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.

PRINCIPAL

Submitted on 24.1.18

Signature of Teacher : *Piyali H. Debjani Chakraborty*
24/1/18 24.06.18

ACADEMIC CO-ORDINATOR
ACADEMIC CO-ORDINATOR

MM
26/1/18
St. Lawrence High School

VICE PRINCIPAL

[Signature]



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



TEST

TERM:SECOND AND THIRD TERM

TEACHER'S NAME: : DEBJANI CHAKRABORTY ,PIYALI HALDER , NANDINI CHATTERJEE

Syllabus planning for the academic year 2017

Subject: .PHYSICAL SCIENCE

CLASS: ___VII

SECTION: A, B, C

No. of working days:- 73 No. of periods available: ..29...

MONTH	NO.OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	4	SECOND TERM BEGINS Sound	Definition, differences, types, examples, units, noise, pitch, instruments, echo, illustration with examples of various types, sonar	Evaluation question	Short answer type question Numericals
JUNE	9	HEAT	Conduction, convection, radiation, evaporation, boiling, thermoflask, Kelvin, centigrade, Fahrenheit scale of temperature	Short answer type questions	Conversion of one scale to another scale, working principal of thermoflask, numerical
JULY	9	1. Light and shadow 2. Air and its constituent Syllabus for 2nd term: Physics: Sound + Heat + Motion Chemistry: Acids, Bases and salt+ Physical and chemical changes	1. Rectilinear propagation of light, umbra, penumbra, eclipse. 2. Constituent of air, usefulness, significance	1.short answer type question 2.Short answer type question	1. Diagrams.Short answer type questions 2. Short answer type questions
AUGUST	7	THIRD TERM BEGINS 1. Reflection of light. 2. Water	1. Regular, diffused reflection, laws of reflection. 2. Purification of Water, properties of water	1.Short answer type question 2.Short question (MCQ)	1. Ray diagrams, short answer type question 2. Short questions(MCQ)- will be discussed in the class.

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PRINCIPAL

Submitted on 24.1.18

Signature of Teacher: *Debjani Chakraborty*, 24.01.18

ACADEMIC CO-ORDINATOR

25/1/18
St. Lawrence High School

VICEPRINCIPAL *balaji*



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



TEST

TERM:.....THIRD TERM

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

Syllabus planning for the academic year 2018

Subject:PHYSICAL SCIENCE

CLASS:VIISECTION: A, B, C

No. of working days:-.34...

No. of periods available: .13....

MONTH	NO.OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	9	1 Water 2.Useful elements and compounds	1.Water pollution and remedies 2.Metals and non metals, Alloy	1.Short question 2. short question	1. Short question 2.Short questions(MCQ and SAQ will be discussed.
OCTOBER	4	1.Electricity 2. Man made substances.	1. Sources, dry cell, circuit, need to conserve electricity. 2. Cement, medicine, fertilisers, soaps.	1.Objective type questions 2.Objective question and answers	1.Diagrams,Objective type question 2.Objective question and answers
NOVEMBER		THIRD TERM BEGINS Syllabus for the 3rd Term: Physics: All chapters Chemistry: All chapters			
DECEMBER					

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PRINCIPAL

Submitted on 24.1.18

Signature of Teacher :

Piyali H.
24/1/18

Debjani Chakraborty
24.01.18

ACADEMIC CO-ORDINATOR

Debjani Chakraborty
24/1/18
St. Lawrence High School

VICE PRINCIPAL