



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Syllabus Planner for the year 2020

TERM: FIRST

TEACHERS' NAMES: Ms. SHAISTA AHMED, Ms. NILANJANA BHADRA AND Ms. PIYALI HALDER

No. of working days: 86

No. of periods available: 41 (ESTIMATED)

Subject: PHYSICAL SCIENCE

CLASS: VIII

SECTION: A,B,C, D

Month	No. Of Periods	Lessons	Topics Covered	Homework	Class Work
January	12	Physics – Chapter 1. Matter Chapter 6.Heat Chemistry – Chapter 1. Matter	Three States Of Matter Kinetic Theory Of Matter Evaporation And Boiling Thermal Expansion And Applications. Cause Of Difference In States Inter-Conversion Of States Of Matter Conservation Of Mass.	Fill In The Blanks Objectives Types Questions From Matter And Heat.	Discussion Of Short And Long Questions Explanation In Detail Discussion Of Conceptual Based Questions.
February	11	Physics -Chapter 2. Physical Quantities And Measurement Chemistry -Chapter 2.Physical And Chemical Changes Madhyamik Exam Starts From 18.02.2020	Density Relative Densities Floating And Sinking Classification Of Changes Energy Associated With Physical And Chemical Changes	Fill In The Blanks Objectives Types Questions From Physical Quantities And Measurement Numerical From Physical Quantities And Measurement Question Answers From Physical And Chemical Changes.	Explanations, Diagrams, Examples, Numerical, Units, Dimensions, Applications, Differences
March	12	Chemistry- Chapter 4. Structure Of Atom Formulas From Pamphlet And Periodic Table From Pamphlet. H.S Exam Starts From 12.03.2020	Concept Of Electrons Cathode Rays, Anode Ray Discovery Of The Nucleus Number Of Sub-Atomic Particles In An Atom And Concept Of Ions.	Fill In The Blanks Objectives Types Questions From Structure Of Atom	Short And Long Questions, Examples, Numericals, Diagrams Numericals And Objectives
April	06	Revision <u>First Term Exam Begins From 15.04.2020.</u> <u>Syllabus For First Term :</u> From Physics - Chapter 1.Matter; Chapter- 2.Physical Quantities And Measurement; Chapter-6.Heat From Chemistry- Chapter 1.Matter And Composition; Chapter 2.Physical And Chemical Changes; Chapter 4. Structure Of Atom And From Pamphlet -Symbols, Formulas And Periodic Table.	Revision Of Chapters 1 And 2(Physics), Chapters 1,2 And 4 (Chemistry)	Objective Questions Ref Bk : Short Questions	Explanation, Applications, Units,Dimensions

Submitted on: 27.01.2020

Signature of Teachers:

Piyali Halder Nilanjana Bhadra Shaista Ahmed

Academic Co-ordinator:

[Signature]

PRINCIPAL

VICE PRINCIPAL

[Signature]



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Syllabus Planner for the year 2020

TERM: SECOND

TEACHERS' NAMES: Ms. SHAISTA AHMED, Ms. NILANJANA BHADRA AND Ms. PIYALI HALDER

No. of working days: 59

No. of periods available: 28 (ESTIMATED)

Subject: PHYSICAL SCIENCE

CLASS: VIII

SECTION: A,B,C, D

Month	No. Of Periods	Lessons	Topics Covered	Homework	Class Work
May	07	Physics – Chapter 3. Force And Pressure Chemistry- Chapter 3. Elements, Compounds And Mixtures	Turning Effect Of Force Pressure Pressure Exerted By Liquids Pressure Exerted By Gases, Atmospheric Pressure Symbols And Characteristics Separation Methods	Numerical, Long Questions From Pressure : Short Questions Numerical From Pressure Short Questions And Methods Analysis	Objectives, Numerical. Different Symbols; Separation Methods Analysis.
June	7	Physics - Chapter 4 Energy Chemistry- Chapter 5. The Language Of Chemistry. Revision Of Formulas And Periodic Table From Pamphlet.	Formulas Valency Of Elements Equations And Balancing Chemical Reactions.	Short Questions Equations And Balancing Chemical Reactions	Ref Bk – Objectives ; Short Questions; Equations And Balancing Chemical Reactions
July	12	Physics Chapter 5. Light Chemistry- Chapter 7. Hydrogen	Refraction Of Light Laws And Refractive Index Spherical Mirror And Ray Diagrams Dispersion Properties And Uses Of Hydrogen	Questions And Ray Diagrams Questions And Applications Of Hydrogen	Numericals And Applications Revision Of The Questions And Numericals Of The Chapters 3, 5 And Periodic Table
August	02	<u>Second Term Exam Begins From 3rd August.</u> Syllabus For Second Term : Physics Chapter 3. Force And Pressure Chapter- 5. Light Chapter-4. Energy Chemistry- Chapter 3. Elements , Compounds And Mixtures; Chapter-5. The Language Of Chemistry. Chapter-7. Hydrogen Pamphlet- Formulas And Periodic Table	Revision Of Chapters 3, 5 And 4 (Physics), Chapters 3, 5 And 7 (Chemistry)	Ref Bk : Short Questions From Heat	Numerical And Applications Ref Bk : Numerical, Objectives

Submitted on: 27.01.2020

Signature of Teachers: *Piyali Halder Nilanjana Bhadra Shaista Ahmed*

Academic Co-ordinator: *[Signature]*

PRINCIPAL

VICE PRINCIPAL *[Signature]*



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Syllabus Planner for the year 2020 TERM: THIRD

TEACHERS' NAMES: Ms. SHAISTA AHMED, Ms. NILANJANA BHADRA AND Ms. PIYALI HALDER

No. of working days: 58

No. of periods available: 27 (ESTIMATED)

Subject: PHYSICAL SCIENCE

CLASS: VIII

SECTION: A,B,C, D

Month	No. Of Periods	Lessons	Topics Covered	Homework	Class Work
September	12	Physics – Chapter 7. Sound Chemistry-Chapter 8. Water Revision Of Formulas And Periodic Table From Pamphlet	Sound, Wave Nature Of Sound Transverse And Longitudinal Wave, Different Terms Reflection Of Sound, Echo, Reverberation Of Sound Solution, Hydrates, Hardness	Ref Bk – Short Questions From Sound Reactions And Question From Water .	Short Questions From Sound And Water.
October	9	Physics-Chapter 8.Electricity. Chemistry-Chapter 9 – Carbon The Entire Syllabus completed.	Household Consumption, Static Electricity, Electroscope And Lightning Conductor Carbon And Its Forms And Their Uses. Revision	Ref Bk – Short Questions From Electricity And Numericals. Revision Of Questions From Chapter 8,9.	Ref Bk – Numerical And Objectives
November	06	<u>Third Term Exam Starts From 18th Nov 2020</u> Syllabus For Term Three : Whole Book, All The Chapters including the pamphlet.	Revision Of Full Syllabus.	Revision Of Full Syllabus.	Revision Of Full Syllabus.
December					

Submitted on: 27.01.2020

Signature of Teachers: *Piyali Halder, Nilanjana Bhadra, Shaista Ahmed*

Academic Co-ordinator: *[Signature]*

PRINCIPAL

VICE PRINCIPAL *[Signature]*