



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Syllabus Planner for the year 2021

TERM:FIRST

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

No. of working days:- 65

Subject: PHYSICAL SCIENCE

CLASS: VIII

SECTION: A,B,C,D

Month	Lessons	Topics Covered	Homework	Class Work
January	Physics – Chapter 1. Matter Chapter 6.Heat Chemistry – Chapter 1. Matter	<ul style="list-style-type: none"> • Three States Of Matter • Kinetic Theory Of Matter • Evaporation And Boiling • Thermal Expansion And Applications. <ul style="list-style-type: none"> > 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.	<ul style="list-style-type: none"> • Discussion Of Short And Long Questions • Explanation In Detail • Discussion Of Conceptual Based Questions.
February	Physics -Chapter 2. Physical Quantities And Measurement Chemistry -Chapter 2.Physical And Chemical Changes	<ul style="list-style-type: none"> • Density • Relative Densities • Floating And Sinking Classification Of Changes <ul style="list-style-type: none"> > 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.	<ul style="list-style-type: none"> • Explanations, Diagrams, Examples, • Numerical, Units, Dimensions, • Applications, Differences
March	Chemistry- Chapter 4. Structure Of Atom	<ul style="list-style-type: none"> • 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	Revision <u>First Term Exam Begins From</u> <u>16.04.2021.</u>	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 : 15th March 2021

Signature of the Teachers :

Shaista Ahmed, Nilanjana Bhadra, Piyali Halder
15/3/21

PRINCIPAL

Academic Co-ordinator:

[Signature]
15/03

VICE-PRINCIPAL

[Signature]
15/3/2021



ST. LAWRENCE HIGH SCHOOL

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Syllabus Planner for the year 2021

TERM: SECOND

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

No. of working days:- 45

Subject: PHYSICAL SCIENCE

CLASS: VIII

SECTION: A,B,C,D

Month	Lessons	Topics Covered	Homework	Class Work
May	Physics – Chapter 3. Force And Pressure Chemistry- Chapter 3. Elements, Compounds And Mixtures	<ul style="list-style-type: none"> ▪ 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	Physics -Chapter 4 Energy Chemistry-Chapter 5. The Language Of Chemistry.	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	Physics Chapter 5. Light Chemistry-Chapter 7. Hydrogen	<ul style="list-style-type: none"> • Refraction Of Light • Laws And Refractive Index • Spherical Mirror And Ray Diagrams • Dispersion Properties And Uses Of Hydrogen Revision Of Chapters 3, 5 And 4 (Physics), Chapters 3, 5 And 7 (Chemistry)	<ul style="list-style-type: none"> • Questions And Ray Diagrams • Questions And Applications Of Hydrogen Ref Bk : Short Questions From Heat	<ul style="list-style-type: none"> • Numericals And Applications • Revision Of The Questions And Numericals Of The Chapters 3, 5 And Periodic Table Numerical And Applications • Ref Bk : Numerical, Objectives
August	<u>Second Term Exam Begins From 5th August 2021.</u>	REVISION	REVISION	REVISION

Submitted on: 15th March 2021

Signature of the Teachers :

Shaista Ahmed Nilanjana Bhadra Piyali Halder
15/3/21

Academic Co-ordinator:

Sharda Chandra
15/03

PRINCIPAL

VICE- PRINCIPAL

Sharda Chandra
15/3/2021



FOR GOD AND COUNTRY

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Syllabus Planner for the year 2021

TERM:THIRD

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

No. of working days:- 60

Subject: PHYSICAL SCIENCE

CLASS:VIII

SECTION: A,B,C,D

Month	Lessons	Topics Covered	Homework	Class Work
September	<ul style="list-style-type: none"> ▪ And Periodic Table From Booklet 	<ul style="list-style-type: none"> • Sound, Wave Nature Of Sound • Transverse And Longitudinal Wave, Different Terms • Reflection Of Sound, Echo, Reverberation Of Sound • Solution, Hydrates, Hardness 	<ul style="list-style-type: none"> • Ref Bk – Short Questions From Sound • Reactions And Question From Water . 	<ul style="list-style-type: none"> • Short Questions From Sound And Water.
October	<ul style="list-style-type: none"> ▪ Physics-Chapter 8. Physics – Chapter 7. Sound ▪ Chemistry-Chapter 8. Water ▪ Revision Of Formulas Electricity. 	<ul style="list-style-type: none"> • Household Consumption, • Static Electricity, • Electroscope And Lightning Conductor • Carbon And Its Forms And Their Uses. 	<p>Ref Bk – Short Questions From Electricity And Numericals.</p> <p>Revision Of Questions From Chapter 8,9.</p>	<ul style="list-style-type: none"> • Ref Bk – Numerical And Objectives
November	<p>Chemistry-Chapter 9 – Carbon</p> <p>The Entire Syllabus completed.</p> <p>Revision</p>	<ul style="list-style-type: none"> • Carbon And Its Forms And Their Uses. 	<ul style="list-style-type: none"> • Carbon And Its Forms And Their Uses. 	<ul style="list-style-type: none"> • Carbon And Its Forms And Their Uses.
December	<p><u>Third Term Exam Starts From 6th De 2021</u></p>	<p>REVISION</p>	<p>REVISION</p>	<p>REVISION</p>

Submitted on: 15th March 2021

Signature of the Teachers :

Shaista Ahmed, Nilanjana Bhadra, Piyali Halder
15/3/21

Academic Co-ordinator:

Shweta
15/3/21

PRINCIPAL

VICE- PRINCIPAL

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15/3/2021