



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

TERM: FIRST TERM

TEACHER'S NAME: Chaitali Roy, Siddhartha Bhattacharya, Sanjay Bhattacharya

Subject: Mathematics

CLASS: 11

SECTION: A1, A2, B, C, D

Syllabus planning for the academic year 2018

No. of working days: 05

No. of periods available: 05

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY					
FEBRUARY					
MARCH					
APRIL	05	1. Algebra 2. Trigonometry	1. Logarith, Indices 2. AP, GP and HP 3. Ratios of angles	SAQ from the topics  1. Logarith, Indices 2. AP, GP and HP 3. Ratios of angles	LAQ from the topics  1. Logarith, Indices 2. AP, GP and HP 3. Ratios of angles

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 : 24.01.2018

Signature of Teachers :

*Chaitali Roy, Sanjay Bhattacharya, Siddhartha Bhattacharya*

VICE PRINCIPAL

ACADEMIC CO-ORDINATOR  
*[Signature]*  
24/1/18  
St. Lawrence High School



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TERM: FIRST TERM

TEACHER'S NAME: Chaitali Roy, Siddhartha Bhattacharya, Sanjay Bhattacharya

Syllabus planning for the academic year 2018

Subject: Mathematics

CLASS: 11

SECTION: A1, A2, B, C, D

No. of working days: 50

No. of periods available: 50

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	07	1. Algebra 2. Trigonometry	1. Complex number 2. Compound angle, Sum and Products 3. Multiple angle 4. Submultiple angle	SAQ from the topics  1. Complex number 2. Compound angle, Sum and Products 3. Multiple angle 4. Submultiple angle	LAQ from the topics  1. Complex number 2. Compound angle, Sum and Products 3. Multiple angle 4. Submultiple angle
JUNE	14	1. Algebra 2. Trigonometry 3. Co-ordinate Geometry 1 <sup>st</sup> project to be given on 12/06/2018	1. General Solution 2. Quadratic equation 3. Permutation and Combination 4. Locus Straight line	SAQ from the topics 1. General Solution 2. Quadratic equation 3. Permutation and Combination 4. Locus Straight line	LAQ from the topics 1. General Solution 2. Quadratic equation 3. Permutation and Combination 4. Locus Straight line
JULY	17 <u>First Term Exam Begins On 25.07.18</u>	1. Algebra 2. Co-ordinate Geometry 1 <sup>st</sup> project to be submitted on 20/07/2018(last date)	1. Mathematical Induction 2. Linear Inequation 3. Binomial expansion 4. Circle and Parabola	SAQ from the topics 1. Mathematical Induction 2. Linear Inequation 3. Binomial expansion 4. Circle and Parabola	LAQ from the topics 1. Mathematical Induction 2. Linear Inequation 3. Binomial expansion 4. Circle and Parabola
AUGUST	12	1. Set and function 2. Co-ordinate Geometry 2 <sup>nd</sup> project to be given on 24/08/2018	1. Set theory 2. Relation and mapping 3. Ellipse	SAQ from the topics 1. Set theory 2. Relation and mapping 3. Ellipse	LAQ from the topics 1. Set theory 2. Relation and mapping 3. Ellipse

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*Sanjay Bhattacharya* *Chaitali Roy*

ACADEMIC CO-ORDINATOR

St. Lawrence High School



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

TEACHER'S NAME Chaitali Roy, Siddhartha Bhattacharya, Sanjay Bhattacharya

TERM: PRE ANNUAL

Subject: Mathematics

CLASS: 11

SECTION: A1, A2, B, C, D

Syllabus planning for the academic year 2018

No. of working days: 35

No. of periods available: 35

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	14	1. Calculus 2. Trigonometry 3. Co-ordinate Geometry 2 <sup>nd</sup> project to be submitted on 20/08/2018 (last date)	1. Properties of triangle 2. Hyperbola 3. Limit, Continuity and Differentiability	SAQ from the topics 1. Properties of triangle 2. Hyperbola 3. Limit, Continuity and Differentiability	LAQ from the topics 1. Properties of triangle 2. Hyperbola 3. Limit, Continuity and Differentiability
OCTOBER	06	1. Calculus 2. Statistics and probability	1. Significance of differentiation 2. Mathematical reasoning 3. Central Tendency, Dispersion and Probability	SAQ from the topics 1. Significance of differentiation 2. Mathematical reasoning 3. Central Tendency, Dispersion and Probability	LAQ from the topics 1. Significance of differentiation 2. Mathematical reasoning 3. Central Tendency, Dispersion and Probability
NOVEMBER	15	Revision	Revision	Revision	Revision

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Signature of Teachers : .....

*Sanjay Bhattacharya, Sanjay Bhattacharya, Chaitali Roy*

ACADEMIC CO-ORDINATOR

27/1/18  
St. Lawrence High School



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TERM: PRE ANNUAL

TEACHER'S NAME: Chaitali Roy, Siddhartha Bhattacharya, Sanjay Bhattacharya

Syllabus planning for the academic year 2018 -2019

Subject: Mathematics'

CLASS: 11

SECTION: A1, A2, B, C, D

No. of working days: 25

No. of periods available: 14

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
DECEMBER	09	Revision	Revision	Revision	Revision
JANUARY	16 Pre Annual Exam Begins on 15.02.18	Revision	Revision	Revision	Revision

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