



# ST. LAWRENCE HIGH SCHOOL



A Jesuit Christian Minority Institution

TEST

TERM: .....FIRST.....

TEACHER'S NAME:....Aparajita Mondal,Partha Dutta, Debaleena Ganguly

Syllabus planning for the academic year 2018

Subject: .....Algebra and Geometry

CLASS: .....7.....

SECTION: .....A,B,C....

No. of working days:-....69.....

No. of periods available: ....19.....

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASSWORK
JANUARY	5	Chapter11: Algebraic Expression(Ex-A,B,C,D,E)	<ul style="list-style-type: none"> <li>Types,Additon,subtraction,multiplication,division and word problems</li> </ul>	<ul style="list-style-type: none"> <li>Similar problems donein the class From pg151,154,156,160,</li> </ul>	<ul style="list-style-type: none"> <li>Selected problems From ex. pg 151,154,156,160</li> </ul>
FEBRUARY	8	Chapter12: Linear equation in one variable(Ex-A,B,C) Ch-14:Lines and angles Ch-15:Parallel lines	<ul style="list-style-type: none"> <li>Find the value of the variable,Word problems</li> <li>Types of angles and related problems</li> <li>Concept,corresponding angles,alternate angles,co-interior angles and related problems</li> </ul>	<ul style="list-style-type: none"> <li>Similar problems donein the class From pg 167,168,171</li> <li>Similar problems donein the class From pg187</li> <li>Similar problems donein the class From pg195</li> </ul>	<ul style="list-style-type: none"> <li>Selected problems From ex. pg 167,168,171</li> <li>Selected problems From ex. pg 187</li> <li>Selected problems From ex. pg 195</li> </ul>
MARCH	4	Ch-16: Basic construction	<ul style="list-style-type: none"> <li>Constrction of equal angles, bisection,perpendicular bisector</li> </ul>	<ul style="list-style-type: none"> <li>Similar problems donein the class From pg 201</li> </ul>	<ul style="list-style-type: none"> <li>Selected problems From ex. pg 201</li> </ul>
APRIL	2 1 <sup>st</sup> term exam begins on 16thapril	Ch-16: Basic construction (continuation)	<ul style="list-style-type: none"> <li>Constrction of equal angles, bisection,perpendicular bisector</li> </ul>	Similar problems donein the class From pg 201	Selected problems From ex. pg 201

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 : .....29/1/18.....

Signature of Teacher : Aparajita Mondal, P. Dutta, Debaleena Ganguly

ACADEMIC CO-ORDINATOR

St. Lawrence High School

Vice Principal.....



ST. LAWRENCE HIGH SCHOOL  
A Jesuit Christian Minority Institution



TEST

TERM: .....2<sup>nd</sup> and 3<sup>rd</sup>....

TEACHER'S NAME: . Aparajita Mondal, Partha Dutta, Debaleena Ganguly

Syllabus planning for the academic year 2018

Subject: ...Algebra and Geometry

CLASS: .....7.....

SECTION: .....A,B,C.....

No. of working days:-...68.....

No. of periods available: ....20....

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	2	Ch-27:Special products (As identities)(ex-A,B,C)	<ul style="list-style-type: none"> <li>Product and square of binomials</li> </ul>	<ul style="list-style-type: none"> <li>Similar problems done in the class From pg 323,326,327</li> </ul>	<ul style="list-style-type: none"> <li>Selected problems From ex. pg 323,326,327</li> </ul>
JUNE	6	Ch-29:graphs(ex-A,B) Ch-17:Triangle(upto pg 211)	<ul style="list-style-type: none"> <li>Co-ordinate axes, convention of signs, graph of a linear equation</li> <li>Exterior angle property, two special triangles, Just the concept of Pythagoras theorem</li> </ul>	<ul style="list-style-type: none"> <li>Similar problems done in the class From pg 338,342</li> <li>Similar problems done in the class From pg 207,208, 211</li> </ul>	<ul style="list-style-type: none"> <li>Selected problems From ex. pg 338,342</li> <li>Selected problems From ex. pg 207,208,211</li> </ul>
JULY	7 2 <sup>nd</sup> term exam begins on 25 <sup>th</sup> july	Ch-19:Reflection and Rotation Ch-20: Symmetry Revision lessons for 2 <sup>nd</sup> term- Alg and Geomtry:11,14 and 16	<ul style="list-style-type: none"> <li>Concept of Reflection and rotation</li> <li>Concept of symmetry</li> </ul>	<ul style="list-style-type: none"> <li>Similar problems done in the class From pg 236,238</li> <li>Similar problems done in the class From pg 243,251</li> </ul>	<ul style="list-style-type: none"> <li>Selected problems From ex. Pg 236,238</li> <li>Selected problems From ex. pg 243,251</li> </ul>
AUGUST	5	Ch-28:factorisation of algebraic expression(ex-A,B,C,D)	<ul style="list-style-type: none"> <li>Factorisation of polynomials</li> </ul>	<ul style="list-style-type: none"> <li>Similar problems done in the class From pg 330,331,333</li> </ul>	<ul style="list-style-type: none"> <li>Selected problems From ex. pg 330,331,333</li> </ul>

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PRINCIPAL

Submitted on : 29/1/18

Signature of Teacher : Aparajita Mondal, P. Dutta, Debaleena Ganguly

ACADEMIC CO-ORDINATOR

29/1/18  
St. Lawrence High School

VICE PRINCIPAL

*[Handwritten Signature]*





ST. LAWRENCE HIGH SCHOOL  
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TEST

TERM: .....3rd

TEACHER'S NAME: Aparajita Mondal, Partha Dutta, Debaleena Ganguly

Syllabus planning for the academic year 2018

Subject: .Algebra and Geometry

CLASS: .....7.....

SECTION: ...A,B,C.....

No.

of working days:-.....34....

No. of periods available: ...11....

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	7	Ch-30: Polygon (ex-A)	<ul style="list-style-type: none"> <li>Types of Polygon, angles sum of a polygon</li> </ul>	<ul style="list-style-type: none"> <li>Similar problems done in the class From pg 351</li> </ul>	<ul style="list-style-type: none"> <li>Selected problems From ex. pg 351</li> </ul>
OCTOBER	4 3rd term exam begins On 1 <sup>ST</sup> November	Ch-31 : Circle Revision lessons For 3 <sup>rd</sup> term: Alg and geo: Ch-11,12,27,29,14,15,16,17	<ul style="list-style-type: none"> <li>Different parts of a circle, angle in a semi-circle</li> </ul>	<ul style="list-style-type: none"> <li>Similar problems done in the class From pg 355</li> </ul>	<ul style="list-style-type: none"> <li>Selected problems From ex. pg 355</li> </ul>
NOVEMBER					
DECEMBER					

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PRINCIPAL

Submitted on : ..... 29/1/18 .....

Signature of Teacher : *Aparajita Mondal, P. Dutta, Debaleena Ganguly*

ACADEMIC CO-ORDINATOR

*am*  
29/1/18  
St. Lawrence High School

VICE-PRINCIPAL

*[Signature]*