



FOR GOD AND COUNTRY



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA-700019

Syllabus planning for the academic year 2020

Subject: Algebra and Geometry

TERM: First

TEACHERS' NAMES: Nilanjana Bhadra and Indranil Ghosh

No. of working days:-86

No. of periods available: 29

CLASS: 7

SECTION: A, B, C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	08	Ch-11: Algebraic Expressions Ch-14: Lines and angles	Concept of types of algebraic expression Addition and subtraction of algebraic expressions Concept of Line Different types of angles and numerical based on that concept	Selected sums from the exercises of Algebraic Expressions Selected sums from the exercises of Lines and angles	Selected sums from the exercises of Algebraic Expressions Selected sums from the exercises of Lines and angles
FEBRUARY	09	Ch-11: Algebraic Expressions (contd.) Ch-15: Parallel Lines	Multiplication and division of algebraic expressions Concept of parallel lines and transversal	Selected sums from the exercises of Algebraic Expressions Selected sums from the exercises of Parallel Lines	Selected sums from the exercises of Algebraic Expressions Selected sums from the exercises of Parallel Lines
MARCH	09	Ch-12: Linear Equations in one variable Ch-16: Basic constructions	Solving of simple equation, fractional equation and word problems Construction of an angle equal to a given angle, bisect of a given angle, perpendicular bisector, perpendicular to a given line, construction of a line parallel to a given line from a point outside it	Selected sums from the exercises of Linear Equations in one variable Selected sums from the exercises of Basic constructions	Selected sums from the exercises of Linear Equations in one variable Selected sums from the exercises of Basic constructions
APRIL	[1 ST Term from 15 th April 2020] [2 ND Term begins from 29 th April 2020] 03	REVISION OF 1 ST TERM 2 ND TERM Begins Ch-17: Triangles	1 st Term Exam-Ch-11,14,15,12,16 In 2 nd Term Classification of triangles and theorems of triangles	Selected sums from the exercises of Triangles	Selected sums from the exercises of Triangles

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.

Submitted on : 28.1.20

Signature of Teacher : *Indranil Ghosh Nilanjana Bhadra*

PRINCIPAL

Academic Co-ordinator: *me**31/1/2020*

VICE PRINCIPAL

28/1/20
10/2/2020



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ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700019

Syllabus planning for the academic year 2020

Subject: Algebra and Geometry

TERM: Second

TEACHERS' NAMES: Nilanjana Bhadra and Indranil Ghosh

No. of working days:-62

No. of periods available: 24

CLASS: 7

SECTION: A, B, C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	05	Ch- 27: Special products	Product of two binomials, square of binomials, the product of the sum	Selected sums from Special products	Selected sums from Special products
JUNE	06	Ch-27: Special products (contd...) Ch- 19 : Reflexion and Rotation	The difference of the same two terms Concepts of Reflexion and Rotation	Selected sums from Special products Selected sums from exercises of Selected sums from Special products	Selected sums from Special products Selected sums from exercises of Selected sums from Special products
JULY	10	Ch -29: Graphs Ch- 20 : Symmetry Revision of 2 nd Term From 1 st Term – Algebraic Expression, Lines and angles , Basic constructions	Concept of coordinates , points on the axes , graph of a linear equation Concept of symmetry	Selected sums from exercises of Graphs Selected sums from exercises of Symmetry Selected sums from revision chapters	Selected sums from exercises of Graphs Selected sums from exercises of Symmetry Selected sums from revision chapters
AUGUST	[2 ND Term Exam Begin From 3 rd August 2020] [3 rd Term Begins From 19 th August 2020] 03	Ch-31: Circles	2 nd Term Exam - Ch-17,27,19,29,20,11,14 Ch-16 Circle and its related concepts	Selected sums from exercises of Circles	Selected sums from exercises of Circles

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Submitted on: 28.1.20

Signature of Teacher: *Indranil Ghosh, Nilanjana Bhadra*

PRINCIPAL

Academic Co-ordinator: *me*
31/1/2020VICE PRINCIPAL
me
10/2/2020



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA-700019



Syllabus planning for the academic year 2020

Subject: Algebra and Geometry

TERM: Third

TEACHERS' NAMES: Nilanjana Bhadra and Indranil Ghosh

No. of working days:-58

No. of periods available: 22

CLASS: 7

SECTION: A, B, C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	10	Ch-28 : Factorization of algebraic expression	Factorization of polynomials , factorization of algebraic expression containing common binomial factors, factorization of grouping suitable terms, factorizing difference of two squares	Selected sums from exercises of Factorization of algebraic expression	Selected sums from exercises of Factorization of algebraic expression
OCTOBER	07	Ch- 30 : Polygon	Types of polygons, regular polygons, angles of a polygon, angle sum of any polygon and numerical based on this	Selected sums from exercises of Polygon	Selected sums from exercises of Polygon
NOVEMBER	05 [3 RD Term Exam starts from 18 th November 2020]	Revision of 3 rd Term	3rd Term Exam - Ch- 11, 14, 15, 12, 16, 17, 27, 19, 29, 20, 31, 28, 30 Revision of the entire syllabus	Revision of the entire syllabus	Revision of the entire syllabus
DECEMBER					

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Submitted on : 28.1.20

Signature of Teacher : *Indranil Ghosh, Nilanjana Bhadra*

PRINCIPAL

Academic Co-ordinator: *M*

21/1/2020

VICE PRINCIPAL

Indranil Ghosh
20/2/2020