ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2021 TERM: FIRST TERM TEACHER`S NAME : Aparajita Mandal, Indranil Ghosh, Nilanjana Bhadra

No. of working days:-71 Subject: ALGEBRA & GEOMETRY CLASS: 8 SECTION: A, B, C & D

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	CH – 2: EXPONENT	BASE AND POWERS OF NUMBERS, LAWS OF EXPONENTS.	SELECTED HOME WORK FROM EXERCISE – 2	SELECTED SUMS FROM EXERCISE – 2
	CH –12: CONCEPTS AND OPERATION IN ALGEBRA	POLYNOMIALS AND OPERATION ON POLYNOMIALS.	SELECTED HOME WORK FROM EXERCISE – 12A, 12B, 12C &12D	SELECTED SUMS FROM EXERCISE – 12A, 12B, 12C &12D
FEBRUARY	CH – 13: ALGEBRIC IDENTITIES	PRODUCT OF TWO BINOMIALS, SQUARING A BINOMIAL, IMPORTANT IDENTITIES.APPLICATION OF DIFFERENT IDENTITIES.	SELECTED HOME WORK FROM EXERCISE – 13A, 13B& 13C	SELECTED SUMS FROM EXERCISE – 13A, 13B& 13C
	CH – 17: TRIANGLES	CLASSIFICATION AND DIFFERENT PROPERTIES OF TRIANGLES.	SELECTED HOME WORK FROM EX – 17A & 17B.	SELECTED SUMS FROM EXERCISE – 17A & 17B.
MARCH	CH – 17: CONTINUED	DIFFERENT PROPERTIES OF TRIANGLES.	SELECTED HOME WORK FROM EX – 17C & 17D	SELECTED SUMS FROM EXERCISE – 17C & 17D
	CH – 18: QUADRILATERAL	SIDES, ANGLES AND DIAGONALS OF QUADRILATERAL, ADJACENT SIDES AND OPPOSITE SIDES, ADJACENT ANGLES AND OPPOSITE ANGLES.	SELECTED HOME WORK FROM EXERCISE – 18	SELECTED SUMS FROM EXERCISE – 18
	CH – 19: SPECIAL TYPES OF QUADRILATERALS	PROPERTIES OF – PARALLELOGRAM, RECTANGLE, SQUARE, KITE, ISOSCELES TRAPEZIUM, POLYGONS.	SELECTED HOME WORK FROM EX– 19A, 19B, 19C, 19D &19E	SELECTED SUMS FROM EX– 19A, 19B, 19C, 19D & 19E
APRIL	REVISION ON CH – 2: EXPONENT	BASE AND POWERS OF NUMBERS, LAWS OF EXPONENTS.	SELECTED HOME WORK FROM EXERCISE – 2	SELECTED SUMS FROM EXERCISE –2
	CH – 13: ALGEBRIC IDENTITIES	APPLICATION OF DIFFERENT IDENTITIES.	SELECTED HOME WORK FROM EXERCISE – 13A,13B & 13C	SELECTED SUMS FROM EXERCISE – 13A,13B &
	FIRST TERM EXAM BEGINS 16.4.21			

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 Date: ...15.3.21..............

Signature of Teacher:..Aparajita Mandal Indranil Ghosh Nilanjana Bhadra
15/3/21   15.3.21   15/3/21

Academic Co-ordinator:.............................15'03

VICE PRINCIPAL
15/3/2021 15'—

PRINCIPAL.

ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2021

No. of working days:-62

TERM: SECOND TERM

Subject: ALGEBRA & GEOMETRY

TEACHER`S NAME :   Aparajita Mandal, Indranil Ghosh, Nilanjana Bhadra

CLASS: 8

SECTION: A, B, C & D

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	CH – 14: FACTORISATION	FACTORISING – BINOMIAL, TRINOMIAL.	SELECTED HOME WORK FROM EX– 14A, 14B, 14C, 14D, 14E, 14F, 14G & 14H	SELECTED SUMS FROM EX– 14A, 14B, 14C, 14D, 14E, 14F, 14G & 14H
JUNE	CH – 20: CONSTRUCTION OF QUADRILATERALS	CONSTRUCTION OF SQUARE, RECTANGLE, PARALLALOGRAM AND RHOMBUS.	SELECTED HOME WORK FROM EXERCISE – 20A &20B	SELECTED SUMS FROM EXERCISE – 20A & 20B
	CH – 24: CIRCLE	COMPONENTS OF CIRCLE, CHORD PROPERTIES, ANGLE PROPERTIES.	SELECTED HOME WORK FROM EXERCISE – 24A &24B	SELECTED SUMS FROM EXERCISE – 24A & 24B
JULY	REVISION ON CH – 2: EXPONENT CH – 13: ALGEBRIC IDENTITIES	BASE AND POWERS OF NUMBERS, LAWS OF EXPONENTS. APPLICATION OF DIFFERENT IDENTITIES.	SELECTED HOME WORK FROM EXERCISE – 2 SELECTED HOME WORK FROM EXERCISE – 13A,13B & 13C	SELECTED SUMS FROM EXERCISE –2 SELECTED SUMS FROM EXERCISE – 13A,13B &
AUGUST	SECOND TERM EXAM BEGINS 5.8.21 CH – 15: LINEAR EQUATIONS	LINEAR EQUATION IN ONE VARIAVLE, APPLICATION TO PRACTICAL PROBLEMS.	SELECTED HOME WORK FROM EXERCISE – 15A &15B	SELECTED SUMS FROM EXERCISE – 15A & 15B

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 Date: ......15.3.21............

Signature of Teacher: ......Aparajita Mandal   Indranil Ghosh   Nilanjana Bhadra
15/03/21   15.3.21   15/8/21

Academic Co-ordinator: ....15.03...............

VICE PRINCIPAL
15/3/2021

PRINCIPAL.

ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2021

TERM: THIRD TERM

TEACHER`S NAME :   Aparajita Mandal, Indranil Ghosh, Nilanjana Bhadra

No. of working days:-66

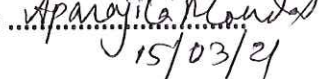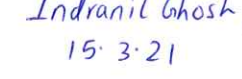Subject: ALGEBRA & GEOMETRY

CLASS: 8

SECTION: A, B, C & D

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	CH – 15: LINEAR EQUATIONS (CONTD.)	LINEAR EQUATION IN ONE VARIAVLE, APPLICATION TO PRACTICAL PROBLEMS.	SELECTED HOME WORK FROM EXERCISE – 15A &15B	SELECTED SUMS FROM EXERCISE – 15A & 15B
	CH – 16: LINEAR INEQUATIONS	SOLUTION SET, NOTATION, SOLUTION OF LINEAR INEQUATION.	SELECTED HOME WORK FROM EXERCISE – 16A &16B	SELECTED SUMS FROM EXERCISE – 16A & 16B
	CH – 22: LINEAR SYMMETRY, REFLECTION &ROTATION	LINES OF SYMMETRY, REFLECTION, ROTATION.	SELECTED HOME WORK FROM EX– 22A, 22B, 22C &22D	SELECTED SUMS FROM EX– 22A, 22B, 22C & 22D
OCTOBER	CH – 23: LINEAR GRAPHS	REPRESENTING FIRST DEGREE EQUATIONS IN ONE AND TWO VARIABLES ON THE GRAPH PAPERS, DISTANCE TIME GRAPH.	SELECTED HOME WORK FROM EX– 23A, 23B, 23C&23D	SELECTED SUMS FROM EX–23A, 23B, 23C&23D
NOVEMBER	REVISION OF CH – 2: EXPONENT CH – 13: ALGEBRIC IDENTITIES	BASE AND POWERS OF NUMBERS, LAWS OF EXPONENTS IDENTITIES, APPLICATION OF DIFFERENT IDENTITIES.	SELECTED HOME WORK FROM EXERCISE – 2 SELECTED HOME WORK FROM EXERCISE – 13A, 13B & 13C	SELECTED SUMS FROM EXERCISE –2 SELECTED SUMS FROM EXERCISE – 13A, 13B & 13C.
DECEMBER	THIRD TERM EXAM BEGINS 6.12.21	N.B : SYLLABUS FOR THE THIRD TERM EXAMINATION INCLUDES ALL THE TOPICS FROM 1ST, 2ND AND 3RD TERM.		

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 Date: ...15.3.21...............

Signature of Teacher: ...*Aparajita Mandal*   *Indranil Ghosh* *Nilanjana Bhadra*
15/03/21   15. 3. 21   18/3/21

Academic Co-ordinator: ....
15/03

VICE PRINCIPAL
15/3/2021

PRINCIPAL.