



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: Arithmetic

CLASS: 8

SECTION: A, B, C & D

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	CH – 1 : RATIONAL NUMBERS	POSITIVE AND NEGATIVE RATIONAL NUMBERS, PROPERTIES, OPERATIONS ON RATIONAL NUMBERS.	SELECTED HOME WORK FROM EXERCISE – 1A, 1B, 1C, 1D, 1E	SELECTED SUMS EXERCISE – 1A, 1B, 1C, 1D, 1E
FEBRUARY	CH – 3: SQUARES AND SQUARE ROOTS	SQUARES, PERFECT SQUARES, SQUARE ROOT, PRIME FACTORISATION, LONG DIVISION METHOD, SQUARE ROOT OF DECIMAL NUMBERS.	SELECTED HOME WORK FROM EXERCISE – 3A, 3B, 3C & 3D	SELECTED SUMS FROM EXERCISE – 3A, 3B, 3C & 3D
	CH – 4: CUBES AND CUBE ROOTS	CUBES, PERFECT CUBES, PROPERTIES OF CUBES, CUBE ROOT, CUBE ROOT OF DECIMAL NUMBER.	SELECTED HOME WORK FROM EXERCISE – 4A & 4B	SELECTED SUMS FROM EXERCISE – 4A & 4B
	CH – 5: PLAYING WITH NUMBERS	NUMBER PUZZLES AND GAMES.	SELECTED HOME WORK FROM EXERCISE – 5A, 5B & 5C	SELECTED SUMS FROM EXERCISE – 5A, 5B & 5C
	CH – 6: SETS	TYPES OF SETS, CARDINAL NUMBER, SUB SET, UNION AND INTERSECTION.	SELECTED HOME WORK FROM EX– 6A, 6B & 6C	SELECTED SUMS FROM EX– 6A, 6B & 6C
MARCH	CH – 25: AREAS OF RECTILINEAR FIGURES	AREA & PERIMETER OF – RECTANGLE, TRIANGLE, PARALLELOGRAM, AREA & PERIMETER OF – RHOMBUS, TRAPEZIUM.	SELECTED HOME WORK FROM EX– 25A, 25B, 25C & 25D	SELECTED SUMS FROM EX–25A, 25B, 25C & 25D
APRIL	CH – 28: DATA HANDLING	FREQUENCY, RANGE, MEAN, FREQUENCY DISTRIBUTION	SELECTED HOME WORK FROM EX– 28A, 28B & 28C	SELECTED SUMS FROM EXERCISE – 28A, 28B & 28C
	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

Academic Co-ordinator: [Signature]

Signature of Teacher: Aparajita Mandal 15/03/21, Indranil Ghosh 15.3.21, Nilanjana Bhadra 15/3/21

VICE PRINCIPAL

[Signature] 15/3/2021

PRINCIPAL.



ST. LAWRENCE HIGH SCHOOL

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Syllabus Planner for the year 2021

TERM: SECOND TERM

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

No. of working days:-62

Subject: Arithmetic

CLASS: 8

SECTION: A, B, C & D

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	CH – 7: PERCENTAGE	RELATION AMONG PERCENTAGE, FRACTION & DECIMAL. PERCENTAGE INCREMENT AND DECREMENT.	SELECTED HOME WORK FROM EXERCISE – 7A & 7B	SELECTED SUMS FROM EXERCISE – 7A & 7B
JUNE	CH – 8: PROFIT , LOSS AND DISCOUNT	IMPORTANT FORMULAE, PROFIT , LOSS, DISCOUNT.	SELECTED HOME WORK FROM EXERCISE – 8A& 8B	SELECTED SUMS FROM EXERCISE – 8A& 8B
	CH – 9: SIMPLE AND COMPOUND INTEREST	PRINCIPAL, INTEREST, IMPORTANT FORMULAE, FORMULA OF COMPOUND INTEREST.	SELECTED HOME WORK FROM EXERCISE – 9A, 9B AND COMPOUND INTEREST FORMULA RELATED SUMS.	SELECTED SUMS FROM EXERCISE – 9A, 9B AND COMPOUND INTEREST FORMULA RELATED SUMS.
JULY	CH – 26: CIRCUMFERENCE AND AREA OF A CIRCLE	CIRCUMFERENCE AND AREA OF A CIRCLE.	SELECTED HOME WORK FROM EX– 26	SELECTED SUMS FROM EX– 26
	CH – 29: GRAPHICAL REPRESENTATION OF DATA	BAR GRAPH, HISTOGRAM & PIE CHART.	SELECTED HOME WORK FROM EX– 29A, 29B & 29C	SELECTED SUMS FROM EX– 29A, 29B & 29C
AUGUST	CH – 10: DIRECT AND INVERSE VARIATION	DIRECT AND INVERSE VARIATION.	SELECTED HOME WORK FROM EXERCISE – 10A, 10B & 10C	SELECTED SUMS FROM EXERCISE – 10A, 10B & 10C
	CH – 11: TIME AND WORK	TIME & WORK, PIPES AND CISTERNS PROBLEMS.	SELECTED HOME WORK FROM EX– 11	SELECTED SUMS FROM EX– 11
	SECOND TERM EXAM BEGINS 5.8.21			

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Submitted Date: 15.3.21

Signature of Teacher: *Aparajita Mandal* 15/03/21 *Indranil Ghosh* 15.3.21 *Nilanjana Bhadra* 15/3/21

Academic Co-ordinator: *[Signature]*
15/03

VICE PRINCIPAL

[Signature]
15/3/2021

PRINCIPAL.



ST. LAWRENCE HIGH SCHOOL

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Syllabus Planner for the year 2021

TERM: THIRD TERM

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

No. of working days:-66

Subject: Arithmetic

CLASS: 8

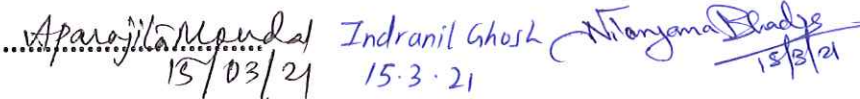
SECTION: A, B, C & D

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	CH – 27: VOLUME & SURFACE AREA OF SOLIDS	VOLUME AND SURFACE AREA OF- CUBE, CUBOID & CYLINDER.	SELECTED HOME WORK FROM EX– 27A, 27B & 27C	SELECTED SUMS FROM EX– 27A, 27B & 27C
OCTOBER	CH – 30: PROBABILITY	PROBABILITY – FUNDAMENTAL CONCEPTS	SUMS BASED ON FUNDAMENTAL CONCEPT FROM EX – 30	SUMS BASED ON FUNDAMENTAL CONCEPT FROM EX-30
	REVISION OF CH – 7: PERCENTAGE	PERCENTAGE INCREMENT AND DECREMENT.	SELECTED HOME WORK FROM EXERCISE – 7A & 7B	SELECTED SUMS FROM EXERCISE – 7A & 7B
	CH – 9: SIMPLE AND COMPOUND INTEREST	PRINCIPAL, INTEREST, IMPORTANT FORMULAE, FORMULA OF COMPOUND INTEREST.	SELECTED HOME WORK FROM EXERCISE – 9A, 9B AND COMPOUND INTEREST FORMULA RELATED SUMS.	SELECTED SUMS FROM EXERCISE – 9A, 9B AND COMPOUND INTEREST FORMULA RELATED SUMS.
NOVEMBER	REVISION OF CH – 8: PROFIT , LOSS AND DISCOUNT	IMPORTANT FORMULAE, PROFIT , LOSS, DISCOUNT.	SELECTED HOME WORK FROM EXERCISE – 8A & 8B	SELECTED SUMS FROM EXERCISE – 8A & 8B
DECEMBER	THIRD TERM EXAM BEGINS 6.12.21	<u>N.B : SYLLABUS FOR THE THIRD TERM EXAMINATION INCLUDES ALL THE TOPICS FROM 1ST, 2ND AND 3RD TERM.</u>		

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Submitted Date: 15.3.21

Academic Co-ordinator: 

Signature of Teacher: 

VICE PRINCIPAL 

PRINCIPAL.