



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION
Syllabus Planner for the Academic year 2020



Subject: MATHEMATICS

TERM: FIRST

TEACHERS' NAMES: Mr. U James Riju, Mr. Indranil Ghosh and Ms. Maloshree Niyogi

No. of working days: 85

No. of periods available: 40

CLASS: VI

SECTION: A, B and C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOME WORK	CLASS WORK
JANUARY	15	Arithmetic:1. Numbers	1. Comparison of numbers, building numbers, 8 digit numbers, operation on large numbers, word problems	1. Selected sums from exercises 1(A), 1(B), 1(C), 1(D), 1(E), 1(F), 1(G)	1. Selected sums from exercises 1(A), 1(B), 1(C), 1(D), 1(E), 1(F), 1(G)
		Algebra & Geometry: 12. Exponents	12. Concept of exponents, Laws, Squares, cubes	12. Selected sums from exercises Ex 12(A), 12(B), 12(C)	12. Selected sums from exercises Ex 12(A), 12(B), 12(C)
FEBRUARY	11	Arithmetic:2. Whole Numbers	2. Concept of natural, whole numbers, successor & predecessor, operation on whole numbers	2. Selected sums from exercises 2(A), 2(B), 2(C), 2(D), 2(E)	2. Selected sums from exercises 2(A), 2(B), 2(C), 2(D), 2(E)
		Algebra & Geometry: 13. Fundamental Concepts	13. Use of letters for numbers, Operations using symbols, Parenthesis, substitution, Terminologies	13. Selected sums from exercises Ex 13(A), 13(B), 13(C)	13. Selected sums from exercises Ex 13(A), 13(B), 13(C)
MARCH	08	Arithmetic:3 Negative numbers and integers	3. Extending number line, different operations on integers	3. Selected sums from exercises Ex 3(A), 3(B), 3(C), 3(D), 3(E), 3(F)	3. Selected sums from exercises Ex 3(A), 3(B), 3(C), 3(D), 3(E), 3(F)
		Algebra & Geometry: 16. Basic Geometry	16. Concept of point, line, line segments, plane, space etc.	16. Selected sums from exercises Ex 16	16. Selected sums from exercises Ex 16
APRIL	06	Arithmetic: Unitary method (FROM THE PAMPHLET)	Unitary method (FROM THE PAMPHLET)	Selected sums from the pamphlet.	Selected sums from the pamphlet
	FIRST TERM STARTS 15 TH APRIL	SYLLABUS OF ARITHMETIC CHAPTERS (1,2, 3 AND UNITARY METHOD FROM PAMPHLET)		REVISION OF ALL THE CHAPTERS OF THE FIRST TERM	REVISION OF ALL THE CHAPTERS OF THE FIRST TERM
		SYLLABUS OF ALGEBRA GEOMETRY CHAPTERS (12, 13 AND 16)		REVISION OF ALL THE CHAPTERS OF THE FIRST TERM	REVISION OF ALL THE CHAPTERS OF THE FIRST 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: 27th January 2020

Signature of Teachers: *U. James Riju, Indranil Ghosh, Maloshree Niyogi*
27/1/2020

Academic Co-ordinator: *U. James Riju*
31/1/2020

PRINCIPAL

VICE PRINCIPAL: *Indranil Ghosh*
10/2/2020



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION
Syllabus Planner for the Academic year 2020



Subject: MATHEMATICS

TERM: SECOND

TEACHERS' NAMES: Mr. U James Riju, Mr. Indranil Ghosh and Ms. Maloshree Niyogi

No. of working days: 59

No. of periods available: 37

CLASS: VI

SECTION: A, B and C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOME WORK	CLASS WORK
MAY	07	Arithmetic:5. Fractions	5. Types of fractions, comparison, different operations on fractions	5. Selected sums from exercises Ex 5(A), 5(B), 5(C), 5(D), 5(E), 5(F)	5. Selected sums from exercises Ex 5(A), 5(B), 5(C), 5(D), 5(E), 5(F)
		Algebra & Geometry: 22. Linear Symmetry	22. Concept of reflection, shapes, lines, symmetry, finding reflection line	22. Selected sums from exercises Ex 22(A), 22(B)	22. Selected sums from exercises Ex 22(A), 22(B)
JUNE	10	Arithmetic:6. Decimals	6. Concept on decimal fraction, reading decimal numerals, comparing, operations on decimal numbers	6. Selected sums from exercises Ex 6(A), 6(B), 6(C), 6(D), 6(E)	6. Selected sums from exercises Ex 6(A), 6(B), 6(C), 6(D), 6(E)
		Algebra & Geometry: 14. Fundamental Operations	14. Addition, Subtraction, Multiplication of monomial & polynomial	14. Selected sums from exercises Ex 14(A), 14(B), 14(C), 14(D)	14. Selected sums from exercises Ex 14(A), 14(B), 14(C), 14(D)
JULY	20	Arithmetic:7. Playing with Numbers	7. Simplification, BODMAS rule, Concept of factors & multiples, Even & Odd, Prime & Composite numbers, Test of divisibility, HCF & LCM	7. Selected sums from exercises Ex 7(A), 7(B), 7(C), 7(D), 7(E), 7(F), 7(G)	7. Selected sums from exercises Ex 7(A), 7(B), 7(C), 7(D), 7(E), 7(F), 7(G)
		Algebra & Geometry: 17. Angles and their properties	17. Concept of angle, types, degree of measurement, using protractor, angles at a point	17. Selected sums from exercises Ex 17(A), 17(B), 17(C), 17(D), 17(E)	17. Selected sums from exercises Ex 17(A), 17(B), 17(C), 17(D), 17(E)
		Arithmetic: Unitary method (FROM THE PAMPHLET)	Unitary method (FROM THE PAMPHLET)	Selected sums from the pamphlet.	Selected sums from the pamphlet.
		Algebra & Geometry: 21. Quadrilaterals & Circles	21. Concept of quadrilateral and its family, Polygons, Circle	21. Selected sums from exercises Ex 21(A), 21(B), 21(C)	21. Selected sums from exercises Ex 21(A), 21(B), 21(C)
AUGUST	SECOND TERM STARTS ON 3 RD AUGUST	SYLLABUS OF ARITHMETIC CHAPTERS (3, 5, 6, 7 AND UNITARY METHOD FROM PAMPHLET)		REVISION OF ALL THE CHAPTERS IN SYLLABUS OF THE SECOND TERM	REVISION OF ALL THE CHAPTERS IN SYLLABUS OF THE SECOND TERM
		SYLLABUS OF ALGEBRA GEOMETRY CHAPTERS (13, 22, 14, 17 AND 21)		REVISION OF ALL THE CHAPTERS IN SYLLABUS OF THE SECOND TERM	REVISION OF ALL THE CHAPTERS IN SYLLABUS OF THE SECOND TERM
	07	Arithmetic:11. Speed, Time & Distance	11. Different Formulae on Speed, Distance, Time, Average speed	11. Selected sums from exercise Ex - 11	11. Selected sums from exercise Ex - 11
Algebra & Geometry: 18. Parallel Lines and transversal (Upto Ex. 18B)		18. Parallel lines, perpendicular lines, horizontal vertical lines, oblique lines, transversal, angles formed by 2 parallel lines and cut by a transversal	18. Selected sums from exercise Ex - 18A and 18B	18. Selected sums from exercise Ex - 18A and 18B	

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Submitted Date: 27th January 2020

Signature of Teachers: *U. James Riju, Indranil Ghosh, M. Niyogi*
27/1/20 27.1.20 27/1/2020

Academic Co-ordinator: *[Signature]*
31/1/2020

PRINCIPAL

VICE PRINCIPAL

[Signature]
10/2/2020



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION
Syllabus Planner for the Academic year 2020



Subject: MATHEMATICS

TERM: THIRD

TEACHERS' NAMES: Mr. U James Riji, Mr. Indranil Ghosh and Ms. Maloshree Niyogi

No. of working days: 69

No. of periods available: 38

CLASS: VI

SECTION: A, B and C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOME WORK	CLASS WORK
SEPTEMBER	20	Arithmetic :9. Percentage	9. Conversions, Word Problems	9. Selected sums from exercises Ex 9(A), 9(B)	9. Selected sums from exercises Ex 9(A), 9(B)
		Algebra & Geometry: 15. Linear Equations in One Variable Geometry	15. Concept of Equation, solving, Transposition, Forming Equation	15. Selected sums from exercises Ex 15(A), 15(B), 15(C), 15(D)	15. Selected sums from exercises Ex 15(A), 15(B), 15(C), 15(D)
		Arithmetic: 26. Data Handling (Upto mean and median)	26. Concept on Data, Pictographs, Bar Graphs, Interpretation, Mean & Median.	26. Selected sums from exercises Ex 26(A), 26(B), 26(C).	26. Selected sums from exercises Ex 26(A), 26(B), 26(C).
OCTOBER	13	Arithmetic: 24. Perimeter & Area	24. Perimeter & Formulae of some plane figures, Measuring area	24. Selected sums from exercises Ex 24(A), 24(B), 24(C), 24(D)	24. Selected sums from exercises Ex 24(A), 24(B), 24(C), 24(D)
		Algebra & Geometry: 19. Practical Geometry (Upto Ex.19A)	19. Basic construction of angles, bisecting angles, construction using compass	19. Selected sums from exercises Ex 19(A)	19. Selected sums from exercises Ex 19(A)
		Arithmetic: Unitary method (FROM THE PAMPHLET)	Unitary method (FROM THE PAMPHLET)	Selected sums from the pamphlet.	Selected sums from the pamphlet.
NOVEMBER	05	Algebra & Geometry: 23. Recognition of Solids	23. Recognition of various solid bodies like Prism, Cylinder, Cube, Cuboid etc.	23. Selected sums from exercises Ex 23(A), 23(B), 23(C)	23. Selected sums from exercises Ex 23(A), 23(B), 23(C)
	THIRD TERM STARTS ON 18 TH NOVEMBER	SYLLABUS OF ARITHMETIC CHAPTERS (11, 9, 26A, 26B and 26C, 24, 2, 5 AND UNITARY METHOD FROM PAMPHLET)		REVISION OF ALL THE CHAPTERS IN SYLLABUS OF THE THIRD TERM	REVISION OF ALL THE CHAPTERS IN SYLLABUS OF THE THIRD TERM
		SYLLABUS OF ALGEBRA GEOMETRY CHAPTERS (15, 18A and 18B, 19A, 23, 16, AND 14)		REVISION OF ALL THE CHAPTERS IN SYLLABUS OF THE THIRD TERM	REVISION OF ALL THE CHAPTERS IN SYLLABUS OF THE THIRD TERM

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Submitted Date: 27th January 2020

Signature of Teachers:

U. James Riji
27/1/20

M. Niyogi
27.1.2020

Academic Co-ordinator:

U
31/1/2020

PRINCIPAL.

VICE PRINCIPAL

U
10/2/2020