ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2018   **TERM:** FIRST   **TEACHER'S NAME:** Ms.MaloshreeNiyogi, Ms.Moumita Mukherjee, Mr.Prithwish De

No. of working days:-.8 5   **No. of periods available:** 4 0   **Subject: Mathematics**   **CLASS: 6**   **SECTION: A, B, C**

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	11	Arithmetic:1. Numbers Arithmetic:2. Whole Numbers	1. Comparison of numbers, building numbers, 8 digit numbers, operation on large numbers, word problems 2. Concept of natural, whole numbers, successor & predecessor, operation on whole numbers	1. Selected Home-work fromexercises 1(A), 1(B), 1(C), 1(D), 1(E), 1(F), 1(G) 2. Selected sums from exercises 2(A) , 2(B), 2(C), 2(D), 2(E)	1. Selected Class-work fromexercises 1(A), 1(B), 1(C), 1(D), 1(E), 1(F), 1(G) 2. Selected sums from exercises 2(A) , 2(B), 2(C), 2(D), 2(E)
FEBRUARY	15	Arithmetic:3. Negative Numbers and Integers Algebra & Geometry: 12. Exponents Algebra & Geometry: 13. Fundamental Concepts	3. Extending number line, different operations on integers 12. Concept of exponents, Laws, Squares, cubes. 13. Use of letters for numbers, Operations using symbols,Parenthesis, substitution, Terminologies	3. Selected sums from exercises Ex 3(A) , 3(B) , 3(C), 3(D), 3(E), 3(F) 12. Selected sums from exercises Ex 12(A) , 12(B) , 12(C) 13. Selected sums from exercises Ex 13(A) , 13(B) , 13(C)	3. Selected sums from exercises Ex 3(A) , 3(B) , 3(C), 3(D), 3(E), 3(F) 12. Selected sums from exercises Ex 12(A) , 12(B) , 12(C) 13. Selected sums from exercises Ex 13(A) , 13(B) , 13(C)
MARCH	9	Algebra & Geometry: 16. Basic Geometry Algebra & Geometry: 17. Angles and their properties	16. Concept of point, line, line segments, plane, space etc. 17. Concept of angle, types, degree of measurement, using protractor, angles at a point	16. Selected sums from exercises Ex 16 17. Selected sums from exercises Ex 17(A) , 17(B) , 17(C) , 17(D)	16. Selected sums from exercises Ex 16 17. Selected sums from exercises Ex 17(A) , 17(B) , 17(C) , 17(D) , 17(D)
APRIL	5 1st Term Begins on 16th April	Revision	Revision	Revision	Revision

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: 25/1/18

Signature of Teacher: M.Mukherjee

ACADEMIC CO- ORDINATOR

Academic Co-ordinator: ......25/1/18...... St. Lawrence High School

PRINCIPAL.

VICE PRINCIPAL

ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2018   TERM: SECOND   TEACHER'S NAME: Ms.MaloshreeNiyogi, Ms.Moumita Mukherjee, Mr.Prithwish De

No. of working days:-.7 3   **No. of periods available: 4 2**   **Subject: Mathematics**   CLASS:6   SECTION: .A, B, C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	7	Arithmetic:5. Fractions Arithmetic:6. Decimals Arithmetic:7. Playing with Numbers	5. Types of fractions, comparison, different operations on fractions 6. Concept on decimal fraction, reading decimal numerals, comparing, operations on decimal numbers 7. Simplification, BODMAS rule, Concept of factors & multiples, Even & Odd, Prime & Composite numbers, Test of divisibility, HCF & LCM	5. Selected sums from exercises Ex 5(A), 5(B), 5(C), 5(D), 5(E), 5(F) 6. Selected sums from exercises Ex 6(A), 6(B), 6(C), 6(D), 6(E) 7. Selected sums from exercises Ex 7(A), 7(B), 7(C), 7(D), 7(E), 7(F), 7(G)	5. Selected sums from exercises Ex 5(A), 5(B), 5(C), 5(D), 5(E), 5(F) 6. Selected sums from exercises Ex 6(A), 6(B), 6(C), 6(D), 6(E) 7. Selected sums from exercises Ex 7(A), 7(B), 7(C), 7(D), 7(E), 7(F), 7(G)
JUNE	12	Arithmetic:8. Ratio & Proportion Arithmetic :9. Percentage Algebra & Geometry: 14. Fundamental Operations Algebra & Geometry: 18. Parallel Lines and Transversal	8. Concept of Ratio, Difference between Fraction and Ratio, Comparison, Proportion 9. Conversions, Word Problems 14. Addition, Subtraction, Multiplication of monomial & polynomial 18. Concept of Parallel Lines, horizontal & vertical lines, oblique lines, Planes	8. Selected sums from exercises Ex 8(A), 8(B), 8(C), 8(D) 9. Selected sums from exercises Ex 9(A), 9(B) 14. Selected sums from exercises Ex 14(A), 14(B), 14(C), 14(D) 18. Selected sums from exercises Ex 18(A), 18(B), 18(C)	8. Selected sums from exercises Ex 8(A), 8(B), 8(C), 8(D) 9. Selected sums from exercises Ex 9(A), 9(B) 14. Selected sums from exercises Ex 14(A), 14(B), 14(C), 14(D) 18. Selected sums from exercises Ex 18(A), 18(B), 18(C)
JULY	13 2nd Term Exam begins on 25th July (Revision Chapters: 2,17)	Algebra & Geometry: 22. Linear Symmetry Algebra & Geometry:23. Recognition of Solids	22. Concept of reflection, shapes, lines, symmetry, finding reflection line 23. Recognition of different solid bodies like Prism, cylinder, cube, cuboid etc. REVISION	22. Selected sums from exercises Ex 22(A), 22(B) 23. Selected sums from exercises Ex 23(A), 23(B) REVISION	22. Selected sums from exercises Ex 22(A), 22(B) 23. Selected sums from exercises Ex 23(A), 23(B) REVISION
AUGUST	10	Arithmetic:4. Sets Arithmetic:10. Profit & Loss Arithmetic:11. Speed, Time & Distance	4. Concept building on Sets, definition, Representation, types of sets 10. Concept of Profit & Loss Percentage, Word problems on Profit & Loss 11. Different Formulae on Speed, Distance, Time, Average speed	4. Selected sums from exercises Ex 4(A), 4(B), 4(C), 4(D), 4(E) 10. Selected sums from exercises Ex 10(A), 10(B) 11. Selected sums from exercise Ex - 11	4. Selected sums from exercises Ex 4(A), 4(B), 4(C), 4(D), 4(E) 10. Selected sums from exercises Ex 10(A), 10(B) 11. Selected sums from exercise Ex - 11

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Submitted Date: 25/1/18

Signature of Teacher: M. Mukherjee

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St. Lawrence High School

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ST. LAWRENCE HIGH SCHOOL

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Syllabus Planner for the year 2018   TERM: THIRD   TEACHER'S NAME: Ms.MaloshreeNiyogi, Ms.Moumita Mukherjee, Mr.Prithwish De

No. of working days:-7 5   No. of periods available: 2 5   Subject:Mathematics   CLASS: 6   SECTION: A, B, C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	15	Algebra & Geometry: 15. Linear Equations in One Variable Algebra & Geometry: 19. Practical Geometry Algebra & Geometry: 20. Triangles Algebra & Geometry: 21. Quadrilaterals & Circles	15. Concept of Equation, solving, Transposition, Forming Equation 19. Basic construction of angles, bisecting angles, construction using set squares, compass 20. Concept on triangle, classification, properties 21. Concept of quadrilateral and its family, Polygons, Circle	15. Selected sums from exercises Ex 15(A), 15(B), 15(C), 15(D) 19. Selected sums from exercises Ex 19(A), 19(B) 20. Selected sums from exercises Ex 20(A), 20(B), 20(C) 21. Selected sums from exercises Ex 21(A), 21(B), 21(C)	15. Selected sums from exercises Ex 15(A), 15(B), 15(C), 15(D) 19. Selected sums from exercises Ex 19(A), 19(B) 20. Selected sums from exercises Ex 20(A), 20(B), 20(C) 21. Selected sums from exercises Ex 21(A), 21(B), 21(C)
OCTOBER	10	Arithmetic: 24. Perimeter & Area Arithmetic:25. Volume & Surface Area Arithmetic:26. Data Handling	24. Perimeter & Formulae of some plane figures, Measuring area 25. Surface area of cuboid, cube, finding volume, Unit conversions 26. Concept on Data, Pictographs, Bar Graphs, Interpretation, Mean & Median, Pie Charts	24. Selected sums from exercises Ex 24(A), 24(B), 24(C), 24(D) 25. Selected sums from exercises Ex 25(A), 25(B), 25(C) 26. Selected sums from exercises Ex 26(A), 26(B), 26(C), 26(D), 26(E)	24. Selected sums from exercises Ex 24(A), 24(B), 24(C), 24(D) 26. Selected sums from exercises Ex 26(A), 26(B), 26(C), 26(D), 26(E)
NOVEMBER	3rd Term Exam Begins on 1st November (Revision Chapters: 3, 8, 14, 23)				
DECEMBER					

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Submitted Date: 25/1/18
Signature of Teacher: M. Mukherjee
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