ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus planning for the Academic Year 2019

TERM: 1ST TERM

SUBJECT: .MATHEMATICS

NO. OF WORKING DAYS:-86

NO. OF PERIODS AVAILABLE :50

TEACHER`S NAME :Ms.Aparajita Mondal & Mr. Pralay Kabi

CLASS: 5   SECTION: A, B & C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOME-WORK	CLASS-WORK
JANUARY	18	Ch-1: Large Number Ch-2: The Four Fundamental Operations	Face value and place value, Predecessor and successor, Rounding of number, Roman numerals, Ascending and descending order, forming number, comparing numbers And Addition, subtraction ,multiplication ,division ,lattice multiplication, multiplication by multiplier ending with zero	Relevant questions from Large Number & The Four Fundamental Operations.	Classroom discussion on Large Number & Four Fundamental Operations.
FEBRUARY	10	Ch-3: Factor and Multiples	Factors, Test of divisibility, Prime and composite numbers, Prime factorisation, HCF and LCM .Relationship between HCF & LCM.	Problems on Factors and Multiples & percentage	Classroom discussion on Factors and Multiples Discussion on conceptual question answers.
MARCH	13	Ch-6: Percentage Ch- Unitary Method	Converting a fraction into per cent. Converting a per cent into fraction. Converting per cent into decimal number. Finding per cent of a number. And Problems of unitary method	Problems on Percentage & Unitary Method	Classroom discussion on Percentage & Unitary Method
APRIL	09	`Revision of chapter 1,2,3 & 6 for First Term And Ch 4: Fractions for Second Term	All topics of chapter 1,2,3 & 6 And Second Term begins with ch-4: Fraction . Fact about fractions, Comparing and ordering fractions. Addition, subtraction, multiplication and division of fractions	Problems of chapter 1,2,3 & 6 as revision And For Second Term problems on Fractions.	Revision of Chapter 1,2,3 6 &Unitary Method for First Term **First Term Exams from 9th April** **Syllabus Ch- 1,2,3, 6 & Unitary Method** And For Second Term classroom discussion on Ch-4: Fraction.

Teachers are requested to prepare a LESSON PLAN for each Lesson to be taught. The Lesson plans are to be submitted along with the monthly planner.

Name of the Teacher : PRALAY KABI, Aparajita Mondal

Signature of Teacher :

Submitted on : 28th January 2019

ACADEMIC CO- ORDINATOR

Academic Co-ordinator: 30 1.19

St. Lawrence High School

PRINCIPAL

VICE PRINCIPAL 7/2/19

ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus planning for the Academic Year 2019

TERM: 2ND TERM

SUBJECT: MATHEMATICS

NO. OF WORKING DAYS:-70

NO. OF PERIODS AVAILABLE: 53

TEACHER`S NAME: Ms. Aparajita Mondal & Mr. Pralay Kabi

CLASS: 5.   **SECTION: A, B & C**

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	06	Ch-4: Fractions continue. Ch-5: Decimals	Fact about fractions, Comparing and ordering fractions. Addition, subtraction, multiplication and division of fractions And Reading, writing, and converting decimals. Place value of decimals. Expanded form, like unlike, comparison of decimals. Addition, subtraction, multiplication and division of decimals.	Relevant questions from Fractions and Decimals. Homework assignment will be given for summer vacation.	Classroom discussion on fractions and decimals, conceptual question answer discussion and surprise test from fraction and decimals.
JUNE	15	Ch-7: Geometry	Point and line, Angle, Constructing angles with protractor, Types of lines, Polygons, Triangle, Circle.	Problems on Geometry.	Classroom discussion on geometry and conceptual question answer discussion and surprise test from geometry.
JULY	20	Ch-8: Perimeter, Area, and Volume Ch- Unitary Method	Perimeter by using formula, Area, Area of triangle, Area of figures not covering whole square, Volume. And Problem on unitary method	Problem on perimeter, area, volume, and problem on unitary method.	Classroom discussion on perimeter, area, volume and unitary method. Conceptual question answer discussion on unitary method. Revision of Ch- 4, 5, 6, 7,8 and unitary method. **Second Term Exams from 29th July.** **Syllabus: Ch- 4, 5,7, 8, Unitary Method, and Ch-6 from First Term.**
AUGUST	12	Ch-9: Measurement Ch-10: Time	The metric measures, Conversion of metric measures, Different units and the decimals system, Operation on metric measures, Average. And Converting bigger units of time into smaller units and smaller units into a bigger unit, Addition and subtraction of time, Remembering days by the calendar, Addition and subtraction of days.	Problem on Measurement and Time	Classroom discussion on Measurement and Time. Conceptual question answer discussion on Measurement and Time.

Teachers are requested to prepare a LESSON PLAN for each Lesson to be taught. The Lesson plans are to be submitted along with the monthly planner.

Name of the Teacher : PRALAY KABI, Aparajita Mondal

Signature of Teacher :

Submitted on : 28th January 2019

Academic Co-ordinator :

ACADEMIC CO- ORDINATOR
St. Lawrence High School

VICE PRINCIPAL

PRINCIPAL

ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus planning for the Academic Year 2019

TERM: 3RD TERM

SUBJECT: MATHEMATICS

TEACHER`S NAME: Ms. Aparajita Mondal & Mr. Pralay Kabi

NO. OF WORKING DAYS:73

NO. OF PERIODS AVAILABLE: 40

CLASS: 5

SECTION: A, B & C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	20	Ch-11: Money Ch-12: Symmetry and Patterns	The unitary method , Profit and loss. And Symmetry, Symmetry in plane shapes, Tessellation, Reflection, Slides, flips, and turns, Patterns	Problem on Money and Symmetry and Patterns.	Classroom discussion on Money, Symmetry and Patters. Conceptual question answer discussion on Money, Symmetry and Pattern.
OCTOBER	12	Ch13: Data Handling	Collection and handling of data, Tally chart, Bar graphs, Circle graphs	Problem on Data Handling.	Classroom discussion on Data Handling. Conceptual question answer discussion on Data Handling.
NOVEMBER	08	Revision from Ch-1 to 13 and Unitary Method.	Revision from Ch-1 to Ch-13.	Revision problems from all chapters.	Revision from Ch-1 to 13. Surprise test from different chapters. **Third Term exams from 15th November.** **Syllabus Ch- 1 to 13 and Unitary Method.**
DECEMBER					

Teachers are requested to prepare a LESSON PLAN for each Lesson to be taught. The Lesson plans are to be submitted along with the monthly planner.

Name of the Teacher : PRALAY KABI , Aparajita Mondal

Signature of Teacher :

Submitted on : 28th January 2019

ACADEMIC CO- ORDINATOR

Academic Co-ordinator: 30.1.19

St. Lawrence High School

PRINCIPAL

VICE PRINCIPAL 5/2/19