ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA-700019

Syllabus planning for the academic year 2018

No. of working days: 50

Subject: Arithmetic   **TERM: First**   **CLASS: IV**   **SECTION: A, B& C**

No. of periods available: 65   **TEACHER`S NAME:** Margaret Das, Shaila Anto & Samuel Newton

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	HOME WORK
JANUARY	14	• Numbering System.	• Indian System, International System, • Expressing Numbers on the Abacus • Expanded Form • Place Value, Face Value, • Skip Counting	Explain Indian and International System with Class Edge. Ex-2(A) Pg. 17; (B, D) Pg. 18; (F) Pg. 19; (G) Pg.20; Ex-3 (B, D) Pg. 24; (E) Pg. 25. Mental Maths: Exercise 1- 5.	As instructed by the teacher covering the topic done in class. Mental Maths as instructed.
FEBRUARY	21	• Roman numbers. • Four Operations.	• Roman Numbers. • Addition, Addition of Five-Digit and Six-Digit Numbers, • Word Problem, • Subtraction, Subtraction of Five-Digit and Six-Digit Numbers, • Word Problem, • Multiplication, Multiplication of Three-Digit Numbers, • Multiplication and Division by 10, 100, 1000, • Multiplication by Multiples of 10, 100, 1000	Roman numbers.Pg. 31 – Roman Number Tableswriting. Ex-5 (A, B, D, E) Pg. 32; (F, G, I) Pg. 33. Explain the four operations and word problems. Ex-6 (C, E) Pg. 38; Ex-7 (C, D); Ex-8(A) Pg. 44.Ex-10 (E) Pg. 51; Ex-11(B) Pg. 53 Mental Maths: Exercise 12-16.	As instructed by the teacher covering the topic done in class.
MARCH	21	• Four Operations(contd) • Time	• Conversion of Hours into Minutes, Conversion of Minutes into Hours. • Conversion of Minutes into Seconds. Conversion of Seconds into Minutes • .Conversion of Hours into Seconds. Conversion of Seconds into Hours. • A.M. or P.M. • Word Problems.	Measuring the time, Ex – 37 (B, C, D, E) Pg. – 146, Ex – 38 (A, B, C, D) Pg. – 149.Ex – 41, Pg. 155. Mental Maths: Exercise 17-24.	As instructed by the teacher covering the topic done in class. Mental Maths as instructed.
APRIL	9	• Time (contd) • Revision	• Revision of everything done in the First Term.	• Revision of everything done in the First Term.	• . Revision of everything done in 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.

PRINCIPAL

Submitted on: 24.01.18
Signature of Teacher: Shaila Anto / M. Das / Samuel Newton

ACADEMIC CO-ORDINATOR
St. Lawrence High School
PRIMARY SECTION

VICE PRINCIPAL

ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700019

Syllabus planning for the academic year 2017   Subject: Arithmetic   TERM: Second   CLASS: IV   SECTION:A, B & C

No. of working days: 40   No. of periods available: 39   TEACHER`S NAME: Margaret Das, Shaila Anto & Samuel Newton

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	HOMEWORK
MAY	7	**2nd Term Begins** • Unitary Method • Test of Divisibility.	• Unitary Method • Test of Divisibility • Exact concept of divisibility of numbers by digits 2 to 9	• Test your skillsEx-33 (1-10) Pg. 126 • Test of Divisibility pg 56 to 61 • Mental Maths: Exercise 41- 45.	As instructed by the teacher covering the topic done in class. Mental Maths as instructed.
JUNE	15	• Test of Divisibility • Factors and Multiples.	• Even Numbers, Odd Numbers, Factors, Composite Numbers, Prime Numbers, Multiples, Finding the prime Numbers, • Prime factorisation, Common Factors, Highest Common Factors, Finding HCF, Word Problems, Common Multiples, Least Common Multiples, Finding LCM, Word Problems	• Even, Odd, Unique • Prime and Multiples • Explain with the help of Class Edge • Ex-14 (A, B, C)(1-5) Pg. 69; • Ex-15 (A, D, E, F) Pg. 73; • (5 sums from each) • Mental Maths: Exercise 51- 55. •	As instructed by the teacher covering the topic done in class. Mental Maths as instructed.
JULY	17	Factors and Multiples (contd) **INCLUDED FROM THE FIRST TERM:-** • Roman numbers. • Four Operations	• Word Problems, • Revision of everything done in the second term as well as the two lessons of the first term.	• Test your skill • Word problems pg 76 • Revision of the second term	As instructed by the teacher covering the topic done in class.
AUGUST	12	**Third Term Begins** • Fractions.	• Fractions • Unit fractions, Equivalent fractions • Types of fractions • Addition of fractions • Subtraction of fractions • Word problems	• Explain with the help of diagrams. • Addition & Subtraction • Multiplication of fractions • Diagrams Ex – 17 (A,B,C,D).Pg 79 • Ex 18 (B,C,D) Pg 84; Ex 19 (A,B,C)Pg 90 • Ex 20 (A) (4,5,6) Pg 95; Ex 21 (solve)Pg 97 • Mental maths 61 - 73	As instructed by the teacher covering the topic done in class.

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.

PRINCIPAL

Submitted on: 24. 01. 18

Signature of Teacher: *Shaila Anto / M. Das / Samuel Newton*

VICE PRINCIPAL

ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA-700019

Syllabus planning for the academic year 2017 **Subject: Arithmetic** **TERM: Third**   **CLASS: IV**   **SECTION: A, B & C**

No. of working days: 46   **No. of periods available: 39**   **TEACHER`S NAME: Margaret Das, Shaila Anto & Samuel Newton**

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	HOMEWORK
SEPTEMBER	17	• Decimal. • Introduction of money .	• Concept of Decimal • Addition of Decimal • Subtraction of Decimal • Word Problems • Multiplication of Decimal, Uses of Decimal •	• Decimals. • Conversions. • Expansion. • Solve Word Problems. • Ex-28 (A, B, C, D) Pg. 115; • Mental Maths: Exercise 74-79.	As instructed by the teacher covering the topic done in class. Mental Maths as instructed.
OCTOBER	10	• Money (contd) • **Included from the First Term:-** • Numbering System. • Time • **Included from the Second Term:-** • Unitary Method • Factors and Multiples.	• Addition of Bigger Amount • Word Problems • Subtraction of Bigger Amount • Word Problems • Multiplication of Bigger Amount • Word Problems • Money Bills to continue • Diagrams of Geometrical Figures	Explain addition, subtraction, multiplication, division of bigger amounts. Ex-44 (A) 1-5 Pg. 161Ex-44 (B) 8-12 Pg. 161Ex-45 (6-12) Pg. 163. Bill Sums explained, Money Bills Revision, Test your skill 1-3. Mental Maths: Exercise 88-95. Explain the Definition of: - Triangle, Rectangle, Square, Rhombus, and Trapezium.Pg. No - 173,175. **Project Work On – Geometrical Figures**	As instructed by the teacher covering the topic done in class. Mental Maths as instructed.
NOVEMBER			.	.	
DECEMBER					

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.

PRINCIPAL

Submitted on: 24.01.18

Signature of Teacher: Shaila A.t /M. Das/Samuel Newton

VICE PRINCIPAL