



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA – 700019

Session Plan/ Syllabus Coverage for the Academic Year 2025-2026



Subject: Mathematics

Term: 1st

Name of the Subject Co-ordinator: Mr. Indranil Ghosh

Name of the Book: ICSE Understanding Mathematics 6- M. L. Aggarwal

No. of Working Days: 103

No. of Periods Available: 62

Class: 6

Section: A, B & C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
April	16	Chapter:1 Knowing Our Numbers Page No. 1 to 23	Natural Numbers, Place value and Face value of a digit in a number, Indian System of Numeration, International System of Numeration and Comparison of Numbers Formation of numbers, Conversion of Units, Word Problems on Large Numbers, Estimation.	Full explanation of the concepts, procedures and solution of problems from Exercise: 1. 1 to 1.5 (Page No. 6 to 23)	Demonstrations and Group activities. Problems from text book on Indian and International numerical systems Identification of Natural Numbers & Art of Estimation.
May	11	Chapter: 2 Whole Numbers Page No. 24 to 47 Unit Test 1 on 17th May Syllabus-Ch.1- Knowing our Numbers. Chapter 3: Integers Page No. 48 to 64	Whole numbers and their representation on a number line, successor and predecessor. Fundamental operations on Whole Numbers: Addition, Subtraction, Multiplication and Division. Patterns in Whole Numbers. Integers and their representation on a number line, absolute value, comparison of integers, addition and subtraction of integers. Addition/Subtraction of three or more integers.	Full explanation of the concepts, procedures and solution of problems from Exercise: 2. 1 to 2.3 (Page No. 34 to 47) Exercise :3.1 to 3.4 (Page No. 53 to 64)	Experiments on linking whole numbers and integers. Problems from text book on whole numbers and integers including addition, subtraction, multiplication and division.
June	12	Chapter 4: Playing with Numbers Page No. 66 to 95	Factors and Multiples, Types of Natural Numbers, divisibility tests of natural numbers, prime factorization HCF, LCM (prime factorization and division methods), relation between HCF and LCM of two natural numbers.	Full explanation of the concepts, procedures and solution of problems from Exercise: 4.1 to 4.5 (Page No. 71 to 95)	Demonstrations and group activities by using the concept of LCM and HCF. A chart on Prime Numbers. Problems from text book on factors and multiple; prime factorization, HCF and LCM.
July	23	Chapter 5: Sets Page No. 96 to 108 Chapter 6: Fractions Page No.109 to 135	Definition of a Set, Representation of a set, types of sets Concept of a fraction, representation of fractions on a number line, types of fractions, comparison of fractions, addition/subtraction of fractions, multiplication/division of fractions, uses of fractions.	Full explanation of the concepts, procedures and solution of problems from Exercise: 5.1 to 5.2 (Page No. 101 to 108) Exercise: 6.1 to 6.7 (Page No. 111 to 130)	Demonstrations of sets by using chart.Problems from text book on different sets and fractions.

Teachers are requested to prepare a LESSON PLAN for each Topic monthwise.

Kindly mention the chapters included for Terminal Examinations.

Signature of the Co-Teachers: 1 Mr.Pralay Kabi 2. Mr.Indranil Ghosh. 3.Mr.U.Riju James.

Submitted on: 21.4.25

Academic Co-ordinator: *Indranil Ghosh*

PRINCIPAL

Pralay Kabi

Indranil Ghosh *U. James Riju*

VICE PRINCIPAL

Riju James



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27, BALLYGUNGE CIRCULAR ROAD, KOLKATA – 700019

Session Plan/ Syllabus Coverage for the Academic Year 2025-2026



Subject: Mathematics

Term: 1st Term & 2nd Term

Name of the Subject Co-ordinator: Mr.Indranil Ghosh

Name of the Book: ICSE Understanding Mathematics 6-M.L.Aggarwal

No. of Working Days:103 ,92

No. of Periods Available: 29 (1st Term) and 35(2nd Term)

Class: 6

Section: A, B & C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
August	20	Chapter 7: Decimals Page No. 136 - 159 Chapter 9 Algebra Page No. 181 to 192	Concept of decimals, representation of decimal numbers on a number line, conversion of decimals to fractions and vice-versa, comparison of decimal numbers, addition/subtraction of decimal numbers, multiplication/division of decimal numbers and uses of decimal numbers. Concept of algebra, variables, matchstick patterns.	Full explanation of the concepts, procedures and solution of problems from Exercise: 7.1 to 7.5 (Page No. 141 to 159). Exercise: 9.1 & 9.2 (Page No. 184 to 186).	Demonstrations and experiments for establishing the link among fraction, decimals . Problems from text book on decimals, algebra. A chart on Number line. Demonstration of the matchstick pattern.
September	09	1 st Term Exam begins from 15 th September. <u>Syllabus:Chapter: 1-7,9.</u>	Revision of all the chapters included in the 1 st Term. Syllabus for the 1 st Term examination are: Ch. 1,Ch. 2,Ch. 3,Ch. 4, Ch. 5,Ch. 6,Ch. 7, Ch.9(Ex-9.1,9.2).	The entire 1 st Term Syllabus is completed. Solving MCQs, Mental Maths, Statement I-II questions, Check your Progress,Model Question Papers from textbook and reference books.	Explaining the concept of Ratio and Proportion with real life examples. Problems from Text Book.
October	(2 nd Term) 15	2 nd Term begins from 7 th October. Chapter 8: Ratio and Proportion Page No.160 to 180 Chapter 9: Algebra Page No.182-206 Chapter 10: Basic Geometrical Concepts Page No. 203 to 226	Concept of a ratio, comparison of ratios, proportion, unitary method, Percentage, concept of speed, distance and time. Uses of Variables, common rules from arithmetic, concept of constants, variables, algebraic expressions, coefficients, like and unlike terms, types of algebraic expressions. Substitution and linear equations. Concept of a point, line, plane, line segment, ray, angle, interior and exterior of an angle, recognition of some plane figures. Circle and some terms associated with a circle.	Full explanation of the concepts, procedures and solution of problems from Exercise: 8.1 to 8.5 (Page No. 165 to 180). Exercise: 9.3 to 9.5 (Page No.193 to 206) Exercise: 10.1 to 10.4(Page No.213 to 230)	<ul style="list-style-type: none"> Explaining the concept of constant and variables. A chart on point, line, plane, line segment, ray. A chart on angle, triangle, quadrilateral, pentagon & hexagon.
November	20	Chapter 11: Understanding Elementary Shapes Page No. 231 to 257 Chapter 12: Symmetry Page No. 260 to 277	Comparison of line segments, measuring line segments, measurement of an angle, types of angles, perpendicular lines, types of triangles, types of quadrilaterals, three dimensional shapes, nets for building 3-D shapes. Unit Test 2 begins from 17th November.Syllabus-Ch.8(Ratio and Proportion) Concept of a symmetry, making symmetrical figures, reflection and symmetry.	Full explanation of the concepts, procedures and solution of problems from Exercise: 11.1 to 11.6(Page No.234 to 257) Exercise:12.1 to 12.2 (Page 266 to 277)	Demonstrating symmetry with the help of different letters of English Alphabet.

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Signature of the Co-Teachers: 1. Mr.Pralay Kabi 2. Mr.Indranil Ghosh. 3.Mr.U.Riju James

PRINCIPAL

Pralay Kabi *Indranil Ghosh* *U. James Riju*

Submitted on: 21.4.25

Academic Co-ordinator: *K. Banerjee*

VICE PRINCIPAL

P. Raj



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA – 700019

Session Plan/ Syllabus Coverage for the Academic Year 2025-2026



Subject: Mathematics

Term: 2nd

Name of the Subject Co-ordinator: Mr.Indranil Ghosh

Name of the Book: ICSE Understanding Mathematics 6-M.L.Aggarwal

No. of Working Days: 92

No. of Periods Available: 45

Class: 6

Sections: A, B & C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
December	17	Chapter 13: Practical Geometry Page No. 278 to 291 Chapter 14: Mensuration Page No. 292 to 306	Drawing a line segment.Perpendicular bisector.Construction of angle(using protractor).Angle 60°,120°(Using Compass).Angle bisector -making angles of 30°,45°,90° etc.Angle equal to a given angle.Drawing a line perpendicular to a given line from a point a)on the line b) outside the line.Construction of a circle, Perimeter & Area.Perimeter of a rectangle – and it's special case - a square.Deducing the formula of the perimeter for a rectangle and then a square through pattern and generalisation.	Full explanation of the concepts, procedures and solution of problems from Exercise: 13.1 to 13.4(Page No.280 to 291) Exercise: 14.1 to 14.2(Page No.296 to 306)	<ul style="list-style-type: none"> • A Chart showing a Circle and its centre, radius, diameter, chord • A Chart to show square and rectangle.
January	18	Chapter 15: Data Handling Page No. 308 to 329	Concept of data, organizing data in tally bars and a table.Pictograph, need for scaling in pictographs.Interpretation & construction of pictograph,bar graphs. Mean and median.	Full explanation of the concepts, procedures and solution of problems from Exercise: 15.1 to 15.5(Page No.310 to 329)	Demonstrations and experiments using objects and tools.Group activities with reporting, text book and pictures.
February	10	2 nd term exam begins from 16 th February, 2026. <u>2nd term syllabus:</u> <u>Chapter: 4 to 15.</u>	Revision of selected chapters from the 1 st Term. Syllabus for the 2 nd Term examination: Ch. 4,Ch. 5, Ch. 6,Ch. 7, Ch.8,Ch.9, Ch. 10, Ch. 11, Ch. 12,Ch. 13, Ch. 14 ,Ch. 15.	Solving MCQs, Mental Maths, Statement I-II questions, Check your Progress,Model Question Papers from textbook and reference books.	Group activities with different numericals from all the chapters included in the second term.
March	00	Correction work continues.			

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PRINCIPAL

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