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 Book: ICSE UNDERSTANDING MATHEMATICS (IUM), M L AGGARWAL   Name of the Subject Co-ordinator: DEBALEENA GANGULY

No. of Working Days: 103   **No. of Periods Available: 66**   **Class: VII**   **Sections: A, B, C**

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
APRIL	16	**Ch-1: INTEGERS** IUM Pg.1-27 **Ch-8: ALGEBRAIC EXPRESSIONS** IUM Pg. 157-166	Ch-1. Absolute value, order, properties, addition, subtraction, multiplication. Division of integers, order of performing operations. Ch-8. Variables, constants, terms, coefficients.	IUM Pg. 1-27 and 157-166 Selected sums from Ex 1.1 to 1.5 and Ex 8.1	Demonstration of integers on the number line using thread and beads.
MAY	13	**Ch-8: ALGEBRAIC EXPRESSIONS** IUM Pg. 166-175 **Math's Unit Test on 17th May,2025** Unit Test syllabus Ch 1,8	Ch-8. Like and unlike terms, degree of a polynomial, addition, subtraction of algebraic expressions, value of an algebraic expression	IUM Pg. 166-175 Selected sums from Ex 8.2 and 8.3	Group activities to create different algebraic expressions
JUNE	12	**Ch-2: FRACTIONS AND DECIMALS** IUM Pg. 28-39	Ch-2. Classification of fractions, addition, subtraction, multiplication of fractions.	IUM Pg. 28-39 Selected sums from Ex 2.1 to 2.3	Felicitating the learners to prepare shapes of pizzas, chocolate bars, etc. for understanding fractions and decimals
JULY	25	**Ch-2: FRACTIONS AND DECIMALS** IUM Pg. 39-59 **Ch-6: RATIO AND PROPORTION** IUM Pg. 116-133 **Ch-7: PERCENTAGE AND ITS APPLICATIONS** IUM Pg. 134-145 **Ch-10 LINES AND ANGLES** IUM Pg. 193-213	Ch-2. Division of fractions, decimals, addition, subtraction, multiplication, division of decimals. Ch-6. Ratio proportion, unitary method and speed, time and distance Ch-7. Percentage, finding a percentage of a given quantity and application. Ch-10. Complementary, supplementary, adjacent angles, linear pair, vertically opposite angles, pairs of lines.	IUM Pg. 39-59, Pg. 116-133, Pg. 134-145 and Pg. 193-213 Selected sums from Ex 2.4 to 2.7, Ex 6.1 to Ex 6.4, Ex 7.1, Ex 7.2, Ex 10.1 and 10.2	Demonstration of lines and angles by preparing those with paper straws and colour pens. .

Teachers are requested to prepare a LESSON PLAN for each Topic month wise.
Kindly mention the chapters included for Terminal Examinations.

Signature of the Co-Teachers: 1. _Pralay Kabi_ 2. _Manati Pal_ 3. _Debaleena Ganguly_

Submitted on: .21.4.25...............

Academic Co-ordinator: _KBanerjee_

PRINCIPAL

VICE PRINCIPAL

ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019

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

Subject: MATHEMATICS **Term: 1ST+ 2nd** **Name of the Book: ICSE UNDERSTANDING MATHEMATICS (IUM), M L AGGARWAL** **Name of the Subject Co-ordinator: DEBALEENA GANGULY**

No. of Working Days: 103(1st term)+92(2nd term)   **No. of Periods Available: 68(31+37)**   **Class: VII**   **Sections: A, B, C**

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
AUGUST	22	**Ch-9 LINEAR EQUATIONS AND LINEAR INEQUALITIES** IUM Pg. 176-189 **Ch-16: PERIMETER AND AREA** IUM Pg. 299-305 **Ch-17: DATA HANDLING** IUM Pg. 326-346	Ch-9. Linear equations, how to solve a linear equation, applications of linear equations and linear inequalities Ch-16. Perimeter and area of a rectangle and a square. Ch-17. Data, frequency, bar graph, mean, median, mode and probability	IUM Pg. 176-189, Pg. 299-305 and 326-346 Selected sums from Ex 9.1 to Ex 9.3, 16.1 and Ex 17.1 to Ex 17.4	A4 size paper to show perimeter and area of a rectangle. To draw bar-graphs graph paper, geometry box, sketch pens, scissors, adhesive, cardboard are required for demonstration.
SEPTEMBER	9	**1st term major exam starts from 15.09.2025** **Syllabus for 1st term: Chapter no.- 1, 2, 6, 7(only Ex 7.1 and Ex7.2), 8, 9, 10, 16 (only Ex 16.1) and 17.**	**Revision of Ch-7,8,16**	**Revision of Ch-7,8,16**	Mental math quiz
OCTOBER	16	**2ND TERM BEGINS FROM 07/10/2025** **Ch-3 Rational Numbers** IUM Pg. 60 to 82 **Ch-15 Visualizing Solid Shapes** IUM Pg.285 to 298	Ch-3. Representation of rational numbers on number line, basic operations on rational numbers. Ch-15. Different Solid Shapes: Cube, cuboid, prism, pyramid, etc., Nets for building 3-D shapes.	IUM Pg. 60 to 82 and Pg. 285-298 Selected sums from Ex 3.1, 3.2, Ex 3.3 and Ex 15.1 to Ex 15.3	Assisting the students to prepare real-life solid objects such as cuboids, water bottle, birthday hats, dice, rectangular and square shaped books, etc.
NOVEMBER	21	**Ch-4 Exponents and Powers** IUM Pg. 84 to 101 **Ch-5 Sets** IUM Pg. 102 to 115 **Ch-11 Triangle and its Properties** IUM Pg. 214 to 238 2nd Unit Test begins from 17.11.25 Syllabus for Unit Test : Ch-3 , 5	Ch-4. Exponents, laws of exponents, uses of exponents. Ch-5. Set, representation of a set, types of sets, subsets, cardinal number. Ch-11. Types of triangles, properties of a triangle, angle property of special triangles, sum of lengths of two sides of a triangle, Pythagoras property	IUM Pg. 84 to 115 and Pg. 214 to 238 Selected sums from Ex 4.1 to Ex 4.3, Ex 5.1, Ex 5.2 and Ex 11.1 to Ex11.5	Triangle and its angles cut-outs to explain properties of a triangle. To verify Pythagoras Theorem experimentally.

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Signature of the Co-Teachers: 1. ...Pralay Kabi... 2.Manali Pal 3. ...Debaleena Ganguly...

Submitted on: ...21.4.25...........

Academic Co-ordinator: K. Ramodee.

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VICE PRINCIPAL

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

Subject: MATHEMATICS **Term:** 2nd **Name of the Book:** ICSE UNDERSTANDING MATHEMATICS (IUM), M L AGGARWAL **Name of the Subject Co-ordinator:** DEBALEENA GANGULY

No. of Working Days: 92 **No. of Periods Available:** 47 **Class:** VII **Sections:** A, B, C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
DECEMBER	15	**Ch-7 Percentage and its Applications** IUM Pg. 145 to 151 **Ch-16 Perimeter and Area** IUM Pg. 305 to 324 **Ch-13 Practical Geometry** Pg. 263 to 269	Ch-7. CP, SP, Profit, Loss, Profit %, Loss%, SI, CI Ch-16. Area of a parallelogram, triangle, circle, circumference, area of a circle. Ch-13. Construction of triangles	IUM Pg. 145 to 151, Pg. 305 to 324 and Pg. 263 to 269 Selected sums from Ex 7.3, Ex 7.4, Ex 16.2, Ex 16.3 and Ex 13.	To help the learners finding the formula for the area of a parallelogram experimentally. using Cardboard, thermocol, coloured glazed papers, adhesive, scissors.
JANUARY	20	**Ch-12 Congruence of Triangles** IUM Pg. 239 to 261 **Ch-14 Symmetry** IUM Pg. 270 to 284	Ch-12 Concept of congruence, criteria for congruence of triangles Ch-14. Line symmetry, rotational symmetry, order of rotational symmetry	IUM Pg. 239 to 261 and Pg. 270 to 284 Selected sums from Ex 12.1, Ex 12.2, Ex 14.1 and Ex 14.2	Preparing cut outs of symmetrical figures to show line symmetry and rotational symmetry.
FEBRUARY	12	**Revision of Ch-16,12** **Syllabus for 2nd term: Chapter no: 3,4,5,7(only Ex 7.3 and Ex 7.4),9, 11,12, 13,14,15, 16 and 17** **2ND term major exam starts from 16.02.2026** **2ND term exam ends on 27.02.2026**	**Revision of Ch-16,12**	**Revision of Ch-16,12**	Mental math quiz
MARCH	NIL	Evaluation of answer script	Evaluation of answer script	Evaluation of answer script	Evaluation of answer script

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Signature of the Co-Teachers: 1. _Pralay Kabi_ 2. _Manali Pal_ 3. _Debaleena Ganguly_

Submitted on: _21.4.25_

Academic Co-ordinator: _K.Banerjee_

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