



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019

Session Plan/ Syllabus Coverage for the Academic Year 2026-2027



Subject: MATHEMATICS Term: 1<sup>ST</sup> Name of the Book: ICSE UNDERSTANDING MATHEMATICS (IUM), M LAGGARWAL

Name of the Subject Co-ordinator: DEBALEENA GANGULY

No. of Working Days: 61

No. of Periods Available: 55

Class: VII

Sections: A, B, C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
APRIL	15	Ch-1: INTEGERS (IUM Pg. 1-24) Ch-8: ALGEBRAIC EXPRESSIONS (IUM Pg. 154-171)	Ch-1. Absolute value, order, properties, addition, subtraction, multiplication Division of integers, order of performing operations. Ch-8. Variables, constants, terms, coefficients.	IUM Pg. 1-24 and 154-171 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	10	Ch-8: ALGEBRAIC EXPRESSIONS (IUM Pg. 154-171) Math's Unit Test on 15th May 2026 Unit Test syllabus: Ch-1	Ch-8. Like and unlike terms, degree of a polynomial, addition, subtraction of algebraic expressions, value of an algebraic expression	IUM Pg. 154-171 Selected sums from Ex 8.2 and 8.3	Group activities to create different algebraic expressions
JUNE	11	Ch-2: FRACTIONS AND DECIMALS (IUM Pg. 25-57)	Ch-2. Classification of fractions, addition, subtraction, multiplication of fractions.	IUM Pg. 25-57 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	19	Ch-2: FRACTIONS AND DECIMALS (IUM Pg. 25-57) Ch-6: RATIO AND PROPORTION (IUM Pg. 114-131) Ch-7: PERCENTAGE AND ITS APPLICATIONS (IUM Pg. 132-142) Ch-10 LINES AND ANGLES (IUM Pg. 187-206)	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.25-57, Pg. 114-131, Pg. 132-142 and Pg. 187-206 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. *D. Ganguly* 20.4.2026 2. *[Signature]* 3. *[Signature]*

Submitted on: 20.4.2026

Academic Co-ordinator: *Chaitali Roy*

PRINCIPAL *[Signature]*

VICE PRINCIPAL

*[Signature]*



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**Subject: MATHEMATICS Term: 1<sup>ST</sup> Name of the Book: ICSE UNDERSTANDING MATHEMATICS (IUM), M LAGGARWAL**

**Name of the Subject Co-ordinator: DEBALEENA GANGULY**

**No. of Working Days: 61, 36(1<sup>st</sup> term) +42(2<sup>nd</sup> term)**

**No. of Periods Available: 22+39**

**Class: VII**

**Sections: A, B, C**

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
AUGUST	19	Ch-9 LINEAR EQUATIONS AND LINEAR INEQUALITIES (IUM Pg. 172-186) Ch-16: PERIMETER AND AREA (IUM Pg. 289-315) Ch-17: DATA HANDLING (IUM Pg. 316-336)	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. 172-186, Pg. 289-315 and Pg. 316-336 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	3+8	<u>1st term Block Test starts from 07/09/2026</u> Syllabus for 1st term: Chapter no.- 1, 2, 6, 7(only Ex 7.1 and Ex 7.2), 8, 9, 10, 16 (only Ex 16.1) and 17. <u>2nd TERM BEGINS FROM 21/09/2026</u>	Revision of Ch-7,8,16	Revision of Ch-7,8,16	Mental math quiz
OCTOBER	14	Ch-3 Rational Numbers (IUM Pg. 58-82) Ch-15 Visualizing Solid (Shapes IUM Pg. 275-289)	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. 58 to 82 and Pg. 275-289 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	17	Ch-4 Exponents and Powers (IUM Pg. 83-100) Ch-5 Sets (IUM Pg. 101-113) Ch-11 Triangle and its Properties (IUM Pg. 207-230) <u>2nd Unit Test begins from 16/11/2026</u> Syllabus for 2nd 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. 83-100 and Pg. 101-113, Pg.207-230 Selected sums from Ex 4.1 to Ex 4.3, Ex 5.1, Ex 5.2 and Ex 11.1 to Ex 11.5	Triangle and its angles cut-outs to explain properties of a triangle. To verify Pythagoras Theorem experimentally.

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. *[Signature]* 2. *[Signature]* 3. *[Signature]*

Submitted on: 20.4.2026

Academic Co-ordinator: *[Signature]*

PRINCIPAL *[Signature]*

VICE PRINCIPAL

*[Signature]*



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**27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019**

Session Plan/ Syllabus Coverage for the Academic Year 2026-2027

Subject: MATHEMATICS

Term: 2<sup>nd</sup> Name of the Book: ICSE UNDERSTANDING MATHEMATICS (IUM), M L AGGARWAL



Name of the Subject Co-ordinator: DEBALEENA GANGULY

No. of Working Days: 42, 58(2<sup>nd</sup> Term)

No. of Periods Available: 39

Class: VII

Sections: A, B, C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
DECEMBER	14	Ch-7 Percentage and its Applications (IUM Pg. 142-152) Ch-16 Perimeter and Area (IUM Pg. 295-314) Ch-13 Practical Geometry (IUM Pg.253-258)	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. 142-152, Pg. 295-314 and Pg. 253 to 258 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	18	Ch-12 Congruence of Triangles (IUM Pg. 231-251) Ch-14 Symmetry (IUM Pg. 259-274)	Ch-12 Concept of congruence, criteria for congruence of triangles Ch-14. Line symmetry, rotational symmetry, order of rotational symmetry	IUM Pg. 231-251 and Pg. 259-274 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	7	Revision of Ch-16,12 Syllabus for 2 <sup>nd</sup> term: Chapter no: 3,4,5,7(only Ex 7.3 and Ex 7.4),9, 11,12, 13,14,15, 16 and 17 2 <sup>nd</sup> term Block Test starts from <u>15/02/2027</u> 2 <sup>nd</sup> term exam ends on <u>26/02/2027</u>	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

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. *Devi* 2. *Chaitali* 3. *Prasanna*

Submitted on: 20-4-2026

Academic Co-ordinator: *Chaitali Roy*

PRINCIPAL *Prasanna*

VICE PRINCIPAL *Prasanna*