



# ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA-700019

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



Subject: Mathematics

Term: First Term

Name of the Subject Co-ordinator: Ms Donna Kanikam

Name of the Book- New Mathematics Today and Mental Arithmetic - 3

No. of working days: - 91

No. of periods available: 140

CLASS: 3

SECTION: A, B & C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
April	24	<b>First Term Begins</b>  <b>Chapter-1 4 – Digit Numbers</b>  <b>Mental Arithmetic Exercises 1- 9</b>	Counting numbers up to ten thousand, Forming 4-Digit numbers, Different ways to write a number, Numbers on the abacus, Counting numbers up to ten thousand, Place value and Face value of a number, Comparing numbers, Ordering numbers, Successor and Predecessor, Forming the smallest and the largest numbers using the given digits. <b>Mental Arithmetic Exercises 1- 9</b>	Exercise 1A – (Pg 11), Exercise 1B – (Pg 13, Pg 14), Exercise 1C – (Pg 15, Pg 16), Exercise 1D – (Pg 16, Pg 17, Pg 18) Exercise 1E – (Pg 19, Pg 20), Exercise 1F – (Pg 22), Exercise 1G – (Pg 24), Exercise 1H – (Pg 25), Exercise 1I – (Pg 26, Pg 26, Pg 27), Roman numerals – (Pg 31, Pg 32), <b>Mental Arithmetic Exercises 1- 9</b>	Students will form the greatest and smallest numbers using various number cards. To explain the concept of place values and face values we will use set of cards with numbers and they will arrange as instructed by the teacher.
May	16	<b>Chapter-2 Addition</b>  <b>Mental Arithmetic Exercises 10 - 19</b>	Addition up to 3-digit numbers, Addition up to 4-digit numbers, Addition of more than two numbers, Checking addition, Properties of addition, Mental addition. <b>Mental Arithmetic Exercises 10 - 19</b>	Exercise 2A – (Pg 33, Pg 34), Exercise 2B – (Pg 35), Exercise 2C – (Pg 36), Exercise 2D – (Pg 37), Exercise 2E – (Pg 38, Pg 39), Exercise 2F – (Pg 40, Pg 41), Exercise 2G – (Pg 42, Pg 43), Mental addition – (Pg 44, Pg 45), <b>Mental Arithmetic Exercises 10 - 19</b>	Students will add numbers drawing abacus. Students will decode the addends and find the sum.
June	17	<b>Chapter-3 Subtraction</b>  <b>Mental Arithmetic Exercises 20 - 29</b>	Properties of subtraction, Subtraction of 3-digit numbers (without borrowing), Subtraction of 4-digit numbers (without borrowing), Subtraction of 4-digit numbers (with borrowing), Subtraction across zeros, Addition and subtraction together, Mental subtraction. <b>Mental Arithmetic Exercises 20 - 29</b>	Exercise 3A – (Pg 48, Pg 49, Pg 50, Pg 51), Exercise 3B – (Pg 52, Pg 53, Pg 54, Pg 55, Pg 56), Exercise 3C – (Pg 57, Pg 58), Exercise 3D – (Pg 59), Mental subtraction – (Pg 60, Pg 61) <b>Mental Arithmetic Exercises 20 - 29</b>	The teacher will show how borrowing increases the value of a number using blackboard.
July	35	<b>Chapter-4 Multiplication</b>  <b>Chapter-5 Division</b> <b>Mental Arithmetic Exercises 30- 40</b>	Properties of multiplication, Multiplication tables 1 to 10, Multiplication grid, Multiples, Multiplication by 1 digit number, Multiplication by 10, 100, 1000, Multiplication tables of 11 to 20, Multiplication grid for tables of 11 to 20, Multiplication by a two digit number. Understanding the concept of division, Divisions as repeated subtraction, Using a number line, Relation between multiplication and division, Properties of division, Using multiplication table to divide, Basic division facts, Division with remainder, Checking division, Dividing multiples of 10. <b>Mental Arithmetic Exercises 30- 40</b>	Exercise 4A – (Pg 66, Pg 67), Exercise 4B – (Pg 69, Pg 70), Exercise 4C – (Pg 71), Exercise 4D – (Pg 72), Exercise 4E – (Pg 73), Exercise 4F – (Pg 74), Exercise 4G – (Pg 77, Pg 78), Exercise 4H – (Pg 79), Exercise 4I – (Pg 80).  Exercise 5A – (Pg 88), Exercise 5B – (Pg 90, Pg 91), Exercise 5C – (Pg 92), Exercise 5D – (Pg 95), Exercise 5E – (Pg 96), Exercise 5F – (Pg 97), Class work – (Pg 98, Pg 99), <b>Mental Arithmetic Exercises 30- 40</b>	Teachers will take the examples of real objects like books, pencils and pupil to teach multiplication.  Students will do crossword puzzle on a chart or a paper to show the facts of division.

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

Kindly mention the chapters included for Term Examination

Signature of the Co-Teachers: 1. S. Das Pal

2. [Signature]

Submitted on: 02.05.25

Academic Co-ordinator: [Signature]

VICE PRINCIPAL [Signature]

PRINCIPAL





# ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA-700019

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



Subject: Mathematics

Term- Second Term

Name of the Subject Co-ordinator: Ms Donna Kanikam

Name of the Book- New Mathematics Today and Mental Arithmetic-3

No. of working days: - 76

No. of periods available: 111

CLASS: 3

SECTION: A, B & C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASSWORK	TEACHING AIDS
August	32	Chapter-5 Division (Continued)  Chapter- 12 Patterns Mental Arithmetic Exercises 41- 50	Division by a 1-digit number (without remainder), Division by regrouping (without remainder), Division by regrouping (with remainder), Division by 10, 100, Dividing by multiples of ten, Dividing by any two digit number  Patterns Mental Arithmetic Exercises 41 – 50	Exercise 5G – (Pg 101), Exercise 5H – (Pg 103), Exercise 5I – (Pg 103, Pg 104), Exercise 5J – (Pg 105), Exercise 5K – (Pg 106), Exercise 5L – (Pg 107), Exercise 5M – (Pg 108), Exercise 5N – (Pg 110)  Exercise 12A – (Pg 220, Pg 221), Revision exercise (Pg 222), Mental Arithmetic Exercises 41 – 50	Teachers will show different shapes, designs, architectural constructions to explain patterns. Students will do fruits and vegetable pattern printing in the copy.
September	16	Revision of First Term Syllabus Chapters – 1,2,3,4,5,12 Mental Arithmetic Exercises – 1 to 50 First Term Examination	Revision of First Term Syllabus Chapters–1,2,3,4,5,12, Mental Arithmetic Exercises 1 to 50 First Term Examination	Revision of First Term Syllabus Chapters – 1,2,3,4,5,12 Mental Maths Exercises 1 to 50 First Term Examination	
October	22	<u>Second Term Begins</u>  Chapter-6 Fraction  Mental Arithmetic Exercises 51- 59	Meaning of fraction, Halves, Thirds, Fourths, More than four equal parts, More than one out of many equal parts Fraction of a group, Numerator and denominator, Using a number line to represent a fraction, A fraction represents a division numeral, Using fraction to find fractional part of a Second Term number, Equivalent fractions, Comparing fractions, Addition of fractions, Subtraction of fractions Mental Arithmetic Exercises 51 - 59	Explanation of (Pg 114, Pg 115, Pg 116, Pg 117, Pg 118). Exercise 6A – (Pg 119, Pg 120), Exercise 6B – (Pg 122, Pg 123), Exercise 6C – (Pg 126, Pg 127), Exercise 6D – (Pg 129), Exercise 6E – (Pg 133), Exercise 6F – (Pg 134, Pg 135), Exercise 6G – (Pg 135)  Mental Arithmetic Exercises 51 - 59	Students will divide a paper into equal parts and then cut it to show fractions  Teacher will ask to draw objects and colour them and then divide it equally by drawing lines.
November	28	Chapter-7 Measurement Mental Arithmetic Exercises 60- 69	Measures of length, Relation between km, M, and Cm, Addition, subtraction and multiplication of Kilometres, Metres, and Centimetres, Word problems, Measures of weight (Kilograms and Grams), Relation between kilogram and Gram, Mental Arithmetic Exercises 60 – 69.	Exercise 7A – (Pg 144, Pg 145), Exercise 7B – (Pg 146, Pg 147), Exercise 7C – (Pg 148), and Exercise 7D – (Pg 151),  Mental Arithmetic Exercises 60 – 69.	Students will perform activity of identifying non-standard means of measuring length. They will also measure objects using ruler, hand span, cubit and bottles.

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

Kindly mention the chapters included for Term Examination

Signature of the Co-Teachers: 1. L. Das Pal

2. [Signature]

Submitted on: 02.05.25

Academic Co-ordinator: [Signature]

VICE PRINCIPAL [Signature]

PRINCIPAL





# ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA-700019

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



Subject: Mathematics

Term : Second Term

Name of the Subject Co-ordinator: Ms Donna Kanikam

Name of the Book - New Mathematics Today and Mental Arithmetic-3

No. of working days: 76

No. of periods available: 111

CLASS: 3

SECTION: A, B & C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
December	21	Chapter-7 Measurement (continued)  Chapter-8 Money Mental Arithmetic Exercises 70- 79	Addition, Subtraction and multiplication of kilograms and grams, Measures of capacity (litre and millilitre), Relation between litre and millilitre, Addition, subtraction and multiplication of litres and millilitres  Coins and notes, Expressing money in words and figures, Conversion of rupees into paise, Conversion of paise into rupees, Addition of money, Subtraction of money, Multiplication of money <b>Mental Arithmetic Exercises 70- 79</b>	Exercise 7E – (Pg 152), Exercise 7F – (Pg 155, Pg 156), Exercise 7G – (Pg 157)  Exercise 8A – (Pg 162), Exercise 8B – (Pg 164, Pg 165), Exercise 8C – (Pg 166), and Exercise 8D – (Pg 167),  <b>Mental Arithmetic Exercises 70- 79.</b>	Students will use false notes to add and subtract the money between them. Teacher will stick an original bill to show the expenditure.
January	27	Chapter-9 Telling the Time  Chapter-10 Geometry  Mental Arithmetic Exercises 80- 95	Telling time to the nearest five minutes, Telling time to the quarter hour, Reading time to the nearest minute, Conversion of time, Addition and subtraction of units of time, Time using a.m. and p.m., 24-hour clock, Railway and air time table, Calendar. Basic geometrical concepts, Plane shape, Tangrams, Idea of space, Solids, Description of solids, How to draw 3-D objects on paper or on flat surface? Symmetry, Tessellation or tiling patterns, Simple map reading <b>Mental Arithmetic Exercises 80- 95</b>	Exercise 9A – (Pg 172, Pg 173, Pg 174), Exercise 9B – (Pg 175, Pg 176), Exercise 9C – (Pg 179, Pg 180), Exercise 9D – (Pg 184, Pg 185), Exercise 9E – (Pg 187).  Exercise 10A – (Pg 192, Pg 193), Exercise 10B – (Pg 195, Pg 196), Exercise 10C – (Pg 200, Pg 201), Exercise 10D – (Pg 203), Exercise 10E – (Pg 205, Pg 206)  <b>Mental Arithmetic Exercises 80- 95</b>	Students will show the time on each individual clock as said by the teacher.  Geometrical objects will be shown to students and they will have to identify them.
February	13	Chapter-11 Data Handling Mental Arithmetic Exercises 96- 100  Revision of the Second Term Syllabus Chapters – 6, 7, 8, 9, 10, 11 Mental Arithmetic Exercises–51 to 100  Second Term Examination	Recording data using tally marks, Pictograph  <b>Mental Arithmetic Exercises 96- 100</b>  Revision of the Second Term Syllabus Chapters – 6, 7, 8, 9, 10, 11 Mental Arithmetic Exercises–51 to 100  Second Term Examination	Exercise 11A – (Pg 212, Pg 213), Exercise 11B – (Pg 215, Pg 216), <b>Mental Arithmetic Exercises 96- 100</b>  Revision of the Second Term Syllabus Chapters – 6, 7, 8, 9, 10, 11 Mental Arithmetic Exercises–51 to 100  Second Term Examination	Students will perform an activity of throwing a dice for 20 times and record the number of times they get 1, 2, 3, 4, 5 and 6
March					

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Kindly mention the chapters included for Term Examination

Signature of the Co-Teachers: 1. L. Bal Pal

2. [Signature]

Submitted on: 02.05.25

Academic Co-ordinator: [Signature]

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