Love Dale Central School
Curriculum 2022-23
Sub: Maths
Class : III

Month	Book	Chapter/Lesson title	Topics	Activity	Learning Outcome
APRIL	Living Maths	LARGE NUMBERS	4-digit numbers, Place value and face value ,Expanded form,Comparing numbers,Forming numbers,Successor and predecessor, Rounding off numbers to the nearest ten,Even and Odd numbers, Roman numbers.	Form a group of 5 students need to use arrow cards in stacks of 1000, 100, 10 and 1. One student from each group calls out a 4-digit number in which all the digits (1 to 9) are different. For example, 1748. The other students of the group arrange the arrow cards to get the numbers called out by the first student. They hold the arrow cards on above the other to form the number, one student asks the place value of any one digit, say 4. Another student removes the card with 4, that is 40 and says 40. Similarly, the next student asks the place value of another digit and the chain continue.	Acquire the skill of forming 4-digit numbers using the given digits, develop an understanding of place value and face value, successor and predecessor and Roman numbers.
JUNE	Living Maths	ADDITION	Addition Facts, Addition by expanding numbers, Adding 3 -Digit Numbers, Adding bigger numbers ansd Story sums	By using flash cards students should come and pick the numbers and match it with their answers.	Apply the knowledge of addition of 3-digit numbers with grouping and without grouping and develop the skill of solving story sums.
JUNE / JULY	Living Maths	SUBTRACTION	Subtraction Facts, Finding the missing number,Subtracting 3-digit numbers, Subtracting bigger numbers,Story sums, Adding and subtracting together,Story sums involving addition and subtraction.	To studey the subtraction with the help of place value using paly cards of different 4-digit numbers in group.	Develop the understanding of subtraction with regrouping tens and hundreds and solve story problems.
AUGUST	Living Maths	MULTIPLICATION	Multiplication Facts, More multiplication tables, Multiplying by 10,20,30…. 90, Multiplying by 100,200,300….900,Multiplying 2-digit and 3 digit numbers by 1 digit numbers. Multiplying by 2-digit numbers, Multiplying by expanding the bigger number,Story Sums	Students to work in pairs. Require squared sheet of paper, pencil, erasor and scale. Count 4 squares across and 3 squares down to draw a rectangle. Count 3 squares acress and 4 squares down to draw another rectangle. Count the squares within the first rectangle. Do the samefor the second one. Compare the two values. You will find both values are the same. This shows that 4 X 3 = 3 X 4 =12, so numbers can be multiplied in any order. Similarly, draw rectangles to show that a) 2 X 4 = 4 X 2 b) 5 X 6 = 6 X 5	Recall and memorise the tabels. Acquire the knowledge of multiplying by 2-digit numbers with and without regrouping, understand and solve the story sums.

AUGUST / SEPTEMBER	Living Maths	DIVISION	Equal sharing , Equal grouping, Terms in Division,Division as repeated subtraction, Multiplication and division, Division using multiplication tables,Division Facts,Story Sums	Form two groups, A and B. Need ice tray, 50 red kidney or grams seeds. One student from group A calls out a division fact such as '32 divided by 8' (32÷8). Group B demonstrates this division facts using the following steps. i) Identifies the dividend (32) and the divisor (8) ii) Takes out the required number of seeds (32). iii) Distributes the seeds equally into 8 compartments of the ice tray. Puts one seed at a time in each compartment till all 32 seeds are used. Group A verifies the division by counting. The groups incharges the roles to repeat the steps with another division fact.	Recall the meaning of tems of division statement, understand the relationship between multiplication and division to find the quotient, divisor and dividend.
OCTOBER	Living Maths	PATTERNS AND SYMMETRY	How patterns are formed, Tiling patterns and Symmetry	Require sheet of paper, pencil, scissor. Students should form a pair, both students take a sheet of paper each. Fold the sheet into half, press along the fold to crease it. Student 1 traces half a circle on the foldededge usinga bangle. Student 2 traces half a triangel on the folded edge using a scale. Cut along the tracing lines. Open the folded paper. You will see that the shapes formed are symmetrical.	Observe and extend simple patterns and tiling patterns using rules and develop the concept of symmetry.
OCTOBER	Living Maths	GEOMETRY	Point ,Line,Line Segment,Ray,Measuring line segments ,Planbe shapes, Solid Shapes.	Form a group of 3 students, each student will make one shape. Require material A4 sheets of paper, a pair of scissors and crayons. To make Rectangle :Fold the sheet of paper into half and press to make a crease, colour the two halves in different colours. Open and cut along the crease you will get 2 equal size rectangles. To make a Square: Fold one corner of the sheet of paper across and press to make a crease. Fold the leftover part and crease it. Open the second crease and cut. You will get a square when you open the first crease. To make a Triangle: Fold one corner of the sheet of paper across and press to make a crease. Open and cut on the crease. You will get triangle.	Define and name point, line, line segment and ray. Classify and describe plane and solid shapes. Develop and understanding of measuring line segments.
NOVEMBER	Living Maths	MORE ON DIVISION	Long Division ,Remainder in Division, Checking division,Division of 2-digit and 3-digit numbers with and without regrouping, Story sums.	Equaly distributing the different types of seeds in the bowl to show the division.	Acquire skill to cjeck division by using the inverse relationship between multiplication and division, learn to divide 2 and 3-digit numbers by long division and applying division to solve the story problems.

NOVEMBER	Living Maths	FRACTIONS	Whole and fractions, Fractions of a whole object, Some other fractions, Writing a fraction, Fraction wall, Fractionsof a collection, Story Sums	Making strips of different colour card sheet to show different fractions like 1 whole, ½, ¼ etc.	Understanding different types of fractions and strengthen the concept of numerator and denomenator, learn to solve the story sums of fractions.
DECEMBER	Living Maths	MEASUREMENT	Measuring length, measuring distance, Conversion of units of length, Adding and subtracting lengths,Story Sums, Division of 2 and 3 digit numbers with and without regrouping and Story Sums	To measure the height of the table, blackboard by measuring tape. To weight fruits chocolate in weighting machine and to measure the capacity of water.	Acquire the knowledge of standard units to measure length and distance, learn to convert, add and subtract the units, apply the skill to solve the story sums.
JANUARY	Living Maths	TIME	What is time? Calendar,Conversion of time	Preparing calendar for the year 2022 with the help of coloured cardsheet.	Develop the skills to read and understand the time and calendar, learn to interchange the units of time.
JANUARY	Living Maths	MONEY	Units of money ,Conversion ,Handling money,Story Sums,Making bills	Buying and selling things by using money in small stalls in the group of students.	Devlop the skill of understanding the various units and handling money, learn to study and develop a bill.
FEBRUARY	Living Maths	DATA HANDLING	Pictograph,Representing data using tally marks and Bar graphs	By creating pictograph using board pins, chart paper, pictures of few fruits, scissors and and glue stick. Student should form 2 groups do the activity.	Learn to draw pictograph, to represent data using tally marks and to interpret bar graphs.