

*Love Dale Central School***Curriculum 2022-23**

Sub: Maths

Class : I

Month	Book	Chapter/Lesson title	Topics	Activity	Learning Outcome
April	Living Maths	L No 1. Numbers upto 20	Number names,Zero,Making ten, Building numbers, Numbers on an abacus, Before,after and between ,Comparing numbers, smallest to biggest and biggest to smallest	Form pairs of two students each.Student A picks up a number card picks as many ice-cream sticks as the number on the card.Student A gives the ice cream sticks to student B.Student B puts the rubber band around 10 ice cream sticks and leaves the rest of the sticks loose.She/he has made a bundle of 10. They fill the table in their book as number card picked,bundle of 10 ice cream sticks loose icecream sticks and number formed.	To build numbers from 11 to 20 and develop the knowledge of tens and ones
June	Living Maths	L No2. Addition upto 10	Counting Forwards to add, Adding Zero and one and Addition Facts, Vertical addition, Order in addition ,Adding three numbers and Ravi's room	Raise your left hand showing five fingers a for number 5.Raise your right hand showing three fingers for number 3.Count the standing fingers $5+3=8$ and write on the paper.	To recapitulate addition facts ,demonstrate the understanding of addition by counting forward and addition of three numbers.
July	Living Maths	L No3.Subtraction upto 10	Counting backwards to subtract, subtracting zero and one, subtracting number from itself and number just before,Subtraction facts, vertical subtraction and Picnic time	Form pairs of two students each . Place the 10 colourful clay balls on the teacher's table .The first pair of students walks to the teacher's table.Teacher calls out two numbers from 1 to 10.Eg : teacher calls out 9 and 3.Student A counts and picks out the greater number of clay balls called (here 9) then she/he crushes the smaller number of clay balls called(here 3).Student B counts the balls that remain.	To develop the knowledge of taking away numbers by counting backwards and understanding the subtraction facts
August	Living Maths	L No4.Shapes and Patterns	Different shapes, same size, Same shape and size, Straight lines and curved lines, Solid shapes , Rolling and sliding, Patterns	Form a group of 4 students and take different colour cardsheet and cut it in different shapes like circle, cone,square,cylinder,triangle and ask next 4 students to identify the shapes and stick it on the respective boxes on the cardsheet	Identification of shapes, get understanding of straight and curved lines and learn to understand and follow a pattern
September	Living Maths	L No6.Numbers up to 50	Making tens and Comparing numbers.	Form pair of two students each. Place the number cards from 0 to 9 and arrow cards of 20, 30 and 40 on the table. The first pair of students walks to the teacher's table.The teacher calls out a number from 0 to 50 . Eg :Teacher calls out 24, the students have to put together arrow and number cards to make out the number.	Learn to recognize and count till 50 and understand the concept of comparing numbers with the same number of digit.
October	Living Maths	L No5.Addition and subtraction upto 50	Making 10 to add, number bonds, counting forwards to add, adding 10, adding 2-digit and 1 digit numbers, Subtraction , Counting backwards to subtract ,Granny's vegetable garden.	Form pairs of two students each.Place 10X2 grid paper, red and blue crayons on teachers table. The teacher calls out two numbers from 0 to 10. For eg : She/he calls out 5 and 7.Student A colours red as many boxes as the first number called. To add the numbers add 10 to the number of boxes in the second column.The other pairs of students take turns to repeat steps 2 to 5 with different numbers.	To develop the understanding of subtraction and addition.

October	Living Maths	L No7. Measurement	Comparing Length, weight and capacity	Place one filled water bottle, plastic jar,a paper cup,bowl and mug on the table. Form a group of 5 students each. The first group walks to the teacher's table.They fill water in the mug and pour it into the jar.They do this till the jar is full.They count and write the number of time they refilled the mug.The second group uses the paper cup to fill the jar.They count and write the number of times they refilled the paper cup.The third group uses the bowl to fill the jar.They count and write the number of times they refilled the bowl.The other groups take turn to fill the jar	To understand the concept of comparing length and weigth and use appropriate vocabulary of heavy and light objects.
November	Living Maths	L.No8. Numbers upto 100	Addition, In the Library, Subtraction , School is Fun.	Prepare number cards of 0 to 9, 20,30,40,50,60,70,80 and 90. Form pairs of two students each.Place the cards on the table.The first pair of students walks to the teachers table. The teacher calls out a number from 0 to 90.Eg:She/he calls out 78.The student put together number cards to make the number called.The other pairs of students take turns to repeat step 2 and 3 with different numbers	Develop the skill to identify numerals and associate them with their names till 100.
November	Living Maths	L.No9. Addition and Subtraction upto 100		Bundle of 10 colourful straws each and 10-15 ice-cream sticks.Form group of five students each.Place the sticks on the table.The first group walks to the table.The teacher calls out two digit numbers.For eg:She/he calls 24 and 42. Student Apicks up two bundles of straws and four ice-cream sticks. Student B picks up four bundles of straws and two ice-cream sticks. The other students of the group count how many bundles of straws and icecream sticks in all.They write the sum as shown.24+42.The other groups take turns to repeat steps 2 to 6.	Apply the knowledge of addition and subtraction bonds.
December	Living Maths	L.No11. Time	Reading time, days of the week,months of the year	Take the paper plate ,stick the numbers 1 to 12.Form groups of 3 students each.The teacher will give one paper plate and a set of straws to each group.The teacher calls out the time.The students place thestraws on the paper plate to show the time.Repeat as many times as it takes for the class to show the time correctly	Study and get to know a clock and its components and knowledge of calendar
January	Living Maths	L.No10.Learn to Multiply	Repeated addition , Multiplication	Form group of ten students each.The teacher gives the toffees and bowl to the first group and ask them to build the table of 2. The first student picks up two toffees and puts them into the bowl,saying 1 time 2 is 2.The second student picks up two more toffees and puts them into the bowl,saying ,2 times 2 is 4.This is repeated till the last student says, 10 times 2 is 20.The other groups repeat the steps to build the tables of 3,4,5 and 10	To build multiplication table and understand repeated addition.
January	Living Maths	L.No12.Money	Money, Counting money ,Ice cream delight	Need coins and notes of different denominations, wrappers or cartons of biscuits,empty box of pencils,soap,toothpaste,juice, antiseptic cream and so on.Form group of five students each.Place all the material on the table.The teacher will give one wrapper to each group.The first group puts together coins and notes that match the price on their wrapper.They do this in two different ways.The other groups repeat step 3.	To put together coins and notes to get the knowledge of handling money.

February	Living Maths	L.No13.Data Handling	Data Handling	Need unequal number of red,blue,green and yellow beads(around 30), 1 large bowl and 1 small bowl.Form groups of 4 students each.Name them the Red group,Blue group ,Green group and Yellow group.Place all the beads in the large bowl on the table.The Red group walks to the table.They pick out the red beads from the bowl.They count the number of beads and write it in the blackboard. Then they put the beads into the small bowl.The other groups take turns to repeat steps.	To develop the skills of collecting and analysing information.
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