

SYLLABUS FOR THE SESSION 2023-24

CLASS 1

SUBJECT: MATHS

To promote School preparedness in all children coming to Grade-I from diverse backgrounds, ensure a smooth transition of children to Grade- 1 and to prepare children with the cognitive and linguistic competencies which are prerequisite for learning to read write and develop numbers through a play based approach a 3 months School readiness curriculum " Vidyarambh" will be followed from 1st of July till 30th of September 2023.

The LOs to be achieved are mentioned in the teacher's handbook

S NO.	LESSON NO.	NAME OF THE LESSON	LEARNING OUTCOMES	SUGGESTED ACTIVITY AND WORKSHEETS
1	1	Shapes and Space	<ol style="list-style-type: none">1. Classifies 3 D objects into groups based on some physical attributes like shape, size and other observable properties including rolling and sliding.2. Describes the physical features of various solids/shapes in own language. For ex. A box slides and a ball rolls.3. Identifies the relationship between half and whole.4. Observes, extends and creates patterns of shapes.	<ol style="list-style-type: none">1. Classifying rolling and sliding objects.2. Practice folding in half and whole using paper, clothes, roti etc.
2	2	Numbers from 1 to 9	<ol style="list-style-type: none">1. Is able to work with numbers 1 to 9.2. Recites number names and counts objects upto 9, concretely, pictorially and symbolically.3. Compares numbers upto 9.4. Recognizes numbers upto 9 and writes numerals.5. Develops concept of zero.6. Can count forward and backward upto 9	<ol style="list-style-type: none">1. Playing different games/activities with dice.2. Comparing daywise attendance in terms of more or less.
The above mentioned syllabus must be completed by 30th september 2023.				

3	3	Addition	<ol style="list-style-type: none"> 1. Applies addition and subtraction of numbers 0 to 9 in daily life. 2. Constructs addition facts up to 9 by using concrete objects. 3. Solves day to day problems related to addition and subtraction of numbers upto 9. 4. Repeatedly adds numbers upto 9. 	<ol style="list-style-type: none"> 1. Giving the examples so that the child feels connected with and solves basic concepts of addition . 2. Create an addition machine using a shoe box and two cups with the bottoms cut out. Students roll two dice and then use the machine to figure out the answer by putting balls/counters through the cups to add the two numbers together.
4	4	Subtraction	<ol style="list-style-type: none"> 1. Understands relation of addition and subtraction and applies it in numbers 0 to 9 in daily life. 2. Subtracts numbers using 0 to 9. 3. Solves day to day problems related to addition and subtraction of numbers up to 9 	<ol style="list-style-type: none"> 1. Giving the examples so that the child feels connected with and solves basic concepts of subtraction . 2. Activity of making bundles of matchsticks/ ice cream sticks
5	5	Numbers from 10-20	<ol style="list-style-type: none"> 1. Is able to work with numbers 1 to 20. 2. Recites number names and count objects up to 20 concretely, pictorially and symbolically. 3. Compares numbers up to 20 and uses vocabulary like bigger than/ smaller than. 4. Recognizes numbers up to 20 and writes numerals. 5. Can count forward and backward upto 20. 6. Constructs addition facts upto 18 using concrete objects. <p>Note: Identifies and writes numerals upto 99.</p>	<ol style="list-style-type: none"> 1. Marking numbers on number line. 2. Represents an amount upto Rs. 20 using notes and coins
6	7	Measures	<ol style="list-style-type: none"> 1. Estimates and measures short lengths using non-uniform units like a finger, hand span, length of a fore arm, footsteps, etc. 2. Compares 3 objects in terms of their weight as heaviest/lightest. 3. Estimates and measures capacities of containers. 	<ol style="list-style-type: none"> 1. Comparing the lengths of pencils of children 2. Use non standardised units like a cup/spoon/ mug etc. to estimate and measure their capacities.
7	9	Data Handling	<ol style="list-style-type: none"> 1. Collects, records(using pictures/ numerals) and interprets simple information by looking at visuals (For eg: in a picture of a garden the child looks at different flowers and draws inference that flowers of a certain colour are more). 	<ol style="list-style-type: none"> 1. Collecting dry leaves/ branches of trees and compiling data.