

SYLLABUS CLASS - III
SUBJECT - MATHS

<u>Month</u>	<u>Lesson</u>	<u>Suggested Activities</u>	<u>Suggested Resources</u>
April/ May	Lesson - 1 Where to look from	<ul style="list-style-type: none"> ● Individually children can observe different objects in different views and draw pictures of objects like staircase; duster; auto; car; pictures from top and front view. ● In groups mirror was given and children can observe the mirror halves. Using a dotted line dividing the given pictures into two similar halves. ● Observe different shapes of objects available in the class / school / garden etc. for eg. Notebook, eraser, pencil, flower, bricks, leaves etc. ● Draw pictures of objects from the top and from the side. ● Create shapes to know about symmetry for eg. kite, boat, alphabets, leaf etc. ● Match mirror halves of regular/ irregular figures. ● List alphabets which are symmetrical. ● Make Rangoli designs using dot grid. ● Prepare paper mask of different animals 	<ul style="list-style-type: none"> ● Objects from classroom situations. E.g. water bottle, pencil box, chair, table, flower, etc. ● Flashcards of alphabets.
	Lesson - 2 Fun with numbers	<ul style="list-style-type: none"> ● Ask the children to collect Tamarind seeds thereby comparing who collected more Tamarind seeds and who collected less seeds. ● Count dots, flowers stars, squares, triangles etc. in a circle/ square/ rectangles. ● Form different 3 digit numbers using flash cards. ● Make pairs of different objects (pebbles, leaves, bricks, buttons, chalks, toffees etc.) understanding of-if in pair number is even/If any one is left then odd number. ● Write numbers in figures and words. ● Smallest and greatest 3 digit numbers. ● Skip counting in 2's, 5's, 10's, 50's and 100's. ● Concept of place and place value with the help of Abacus or bundles of 100's, 10's and loose items. ● 10 bundles of tens make one hundred. Tie 10 bundle of matchsticks (each bundle having 10 sticks) and 10 tens make 1 hundred. Using of spike abacus. ● Write symbols $>$ $=$ $<$ and compare the numbers. ● Number games with the help of 3 digit number flash cards. Hopping games ● Practise questions from question banks ● Worksheet 	<ul style="list-style-type: none"> ● Flash cards of numbers. ● Abacus. ● Bundles of sticks.
June/ July	Lesson - 3 Give and Take	<ul style="list-style-type: none"> ● By using number grid explaining the children that how many steps it would take to move from one number to another number. ● Addition and subtraction of 2 digit numbers using 10×10 number grid. ● Narrate a story and ask questions based on addition and subtraction. ● Card games: Prepare some number cards on pieces of cardboard. Make different shapes for different place values. ● Find the odd one out. ● Write the missing number. ● Word problems from their daily life on addition and subtraction of numbers upto three digits. ● Practise questions from question banks ● Worksheet 	<ul style="list-style-type: none"> ● Flash cards of numbers. ● Puzzle games on addition and subtraction. ● Age and class appropriate work sheets.

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August	Lesson - 4 Long and short	<ul style="list-style-type: none"> ● Asking the children to observe how the flower seller sells flowers. He uses his hand (arm) to measure the length. 2. Explaining them about cubit; hand-span; pace; and measuring some objects using them. ● Measure the length of different objects(Book, Table stick, black board etc) with fingers, hand span, pace and cubit and compare the length -Repeat the above activity using scale, measuring tape and compare ● Find shortest/ longest route between two points. Make a metre rope. ● Find out the height of fellow students, objects etc. ● Reading the map scale. ● To find shortest/longest route between two points ● Word Problems ● Which of these will be in cm and which will be in metres. Size of objects and units to be used. 	<ul style="list-style-type: none"> ● Measuring tape, ● Height bar ● Rope ● Shoe string ● Thread ● Map of city
August	Lesson - 5 Shapes and Designs	<ul style="list-style-type: none"> ● Ask the children to draw different geometrical shapes and ask them to colour. ● Draw and colour different geometrical shapes , ● Cut out different shapes from cardboard. Make patterns and designs with these shapes, ● Observe car wheel, trunk of tree, leaves brick, sun, moon, flower, chick, kite, chalk box, pencil box etc and find faces, edges, vertices, and find out whether edges are straight line or curved, ● Make tangram with paper squares and create different designs using them. ● Observe patterns in the border(saris/shawls/ rugs/ mats/ Bed covers etc) Which geometrical shapes one observes in these borders? Is any shape repeating in a particular pattern? Are the shapes made of curved/straight/ or both. ● Riddles and games like treasure hunt ● Paper cutting/ paper folding to make weaving pattern. ● Worksheet 	<ul style="list-style-type: none"> ● Tangram ● Models of geometrical shape (cube, cuboids, cone, cylinder, sphere).
	Lesson - 6 Fun with Give and Take	<ul style="list-style-type: none"> ● Narrating a few incidents of their favourite game like cricket and asking the students like how many more runs are needed for a century. ● Frame questions based on day to day life and ask children to estimate the answer. ● Riddles and outdoor from activities - Ringing the bottle, climbing stairs, straws on a table (blow and count). ● Subtraction on number line. ● Subtraction by column method. ● Complete the pattern of numbers involving addition/subtraction. ● Word problems on life situations Situation/story is given and child is asked to frame a question. ● Puzzles / Riddles. ● Practise question from question bank or other similar text. ● Work sheets. 	<ul style="list-style-type: none"> ● Flash cards of numbers. ● Abacus. ● Bundles of sticks.

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Sept.	Lesson - 7 Time goes on	<ul style="list-style-type: none"> ● Motivating the children with simple questions like when did they celebrate Independence day, deepavali, christmas and their birthday. ● Activity how many times? ● Different activities in one minute? Eg. Jumping, running, clapping, skipping, writing. ● Tongue twisters in a minute. ● Topsy turvy time. ● Prepare a chart /time of your daily routine. ● Make a calendar of your own. ● Make a clock. ● Make a class time table. ● Make a chart month wise giving details of your friend/ relatives/ parents/ family/ anniversaries. ● Mark who is oldest, who is youngest in your family. ● Mark who is oldest, who is youngest in your family. ● Calculate the age of a person seeing the birth certificate. ● Listing days / dates / months of various festival of India (in order of month). ● Represent a story on time line. ● Patterns in calendar. ● Net resources ● worksheets 	<ul style="list-style-type: none"> ● Clock ● Calendar Charts
Oct	Lesson - 8 Who is heavier	<ul style="list-style-type: none"> ● Teacher to hold a big object in one hand a small object in other hand and asking the children which object is heavier . ● Using a toy balance compare the weight of few objects like eraser, pencil, sharpener, notebook, pencil box etc. ● Find out your own weight? ● group activity on heavy and light objects. ● Compare 1 Kg flower and 1Kg stone [weight and volume] listing things we buy mostly in Kg's/gms and miligrams. ● Guess weights of object and match. ● The objects which will weigh more. ● Guess the weight? and then find out by actually weighing it? ● Paste the pictures of different types of balance. 	<ul style="list-style-type: none"> ● Balance ● Weights
Nov	Lesson-9 How many times	<ul style="list-style-type: none"> ● Arranging different flower beds in the classroom by using different flowers. (group wise) children collect the flowers and arrange them as told by the teacher. ● Asking the children to stand in groups of 4. Saying them the number of students in each group; number in all; ● How many altogether? ● Multiplication as repeated addition ● Write repeated addition as multiplication ● Multiply using expanded notation ● Column method of multiplication ● Multiplication by zero ● Write the multiplication facts ● Multiplication by 10, 100, 1000. ● Multiplication by 1 ● Games can be played to teach tables of 2's, 4's, 5's, by skip counting. ● Complete the factor tree. ● How much do these things cost? ● Some word problems on multiplication ● Practise questions from question banks ● Worksheet 	<ul style="list-style-type: none"> ● Flash cards of numbers. ● Multiplication grid ● Sticks. ● Marbles ● Chalk pieces ● stones

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	Lesson - 10 Play with Patterns	<ul style="list-style-type: none"> • Teacher to ask the children to observe the patterns around them eg., grill of windows; tiles; printon a cloth; border of saree etc., •By showing them different blocks with designs and using that blocks making patterns. • Continues the pattern by observation. • Creates pattern. • Does completes different shapes to create a pattern. • Colour and complete a pattern. • Patterns consisting of shapes, alphabets, numbers and pictures can be given to students to observe them and complete them. • Make a grid and colour all odd/even numbers. • Message can be written using alphabets, numbers and numbers coding and decoding. • Arrange the names of 10 of your friends in alphabetical order. • Worksheet • Net resources 	<ul style="list-style-type: none"> • Flash cards of alphabets, numbers. • Cut out of different geometrical shapes. •
Dec	Lesson -11 Jugs and Mugs	<ul style="list-style-type: none"> • Teacher to talk about different animals; showing the pictures to students their size big; small. •Showing them a glass of water and ask the children which animal can drink completely that water. Increase the number of glasses and enter the data in a tabular form like glasses; name of animals. •Measuring the capacity of 1 litre water bottle using different containers. • Collect some old cups, mugs, jugs, glass, bowl etc. and check which of these hold more than 1 litre and which of these hold less than 1 litre. • Draw drawings of some containers. • Compare between two jugs and identify which one holds more water. • Filling pot holes in the play ground using pebbles/sand in mugs of same size. • Find out how many glasses of water you drink in a day. • Create sand patterns with capacity. • Which of the following will you measure in litres and millilitres eg. a tank of water? • Worksheets 	<ul style="list-style-type: none"> • Different types of containers Measuring flux/container
Jan	Lesson - 12 Can we Share	<ul style="list-style-type: none"> •Collecting objects like buttons; pencils; chalk pieces and ask them to divide them equally. •Divide the objects equally into groups. Children and benches. • Some objects are given to the children and asked to divide them equally. • Division as repeated subtraction. •Division as inverse of multiplication. • Questions based on pictorial representation are framed and solved. • Reads, understands and solves problems in different situations in day to day life. 	<ul style="list-style-type: none"> • Marbles • Stones • Chalk pieces • Leaves • Toffees, etc. Puzzle games on division and multiplication.

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	Lesson - 13 Smart Charts	<ul style="list-style-type: none"> ● Counting the colours of flowers and how many in number and reording them in a table. ●Collection of objects and grouping them. ● Number of boys / girls in a class. ● Count the number of vehicles passing, in front of your school. ● Recognize the pattern and draw inferences <p>Compare the data with given information</p> <ul style="list-style-type: none"> ● Make your own smart chart about things around you? eg. Favourite game Favourite food 	
Feb	Lesson - 14 Rupees(₹) and Paisa	<ul style="list-style-type: none"> ● Collecting of different old coins; showing them to children, using a combination of different coins with various shapes and sizes using the shapes and sizes making patterns colouring the patterns also. ●Tracing the coins on a paper. ● Make patterns with coins. ● Learn the various names of currencies used in neighbouring countries. ● Visit the market buy 5/6 things and make a bill. ● Showing them currency notes of different denominations. ● Writing the amounts of money shown by the notes and coins. ●Addition and subtraction of money. ● Word problems on rupees and Paisa ● Practise questions from question banks 	<ul style="list-style-type: none"> ● Notes and coins of different denominations Money game.