

KENDRIYA VIDYALAYA SANGATHAN: CHENNAI REGION**SPLIT UP SYLLABUS****SESSION 2021-22****CLASS:III****SUBJECT:MATHS**

S.NO.	MONTH	CHAPTER	NO OF WORKING DAYS / WEEK	NO OF ONLINE PERIODS
1	JUNE	BRIDGE COURSE	08	04
2	JULY	1. WHERE TO LOOK FROM?	4 WEEKS	05
3		2. FUN WITH NUMBERS		07
5		<i>PERIODIC TEST-I</i>		
6	AUGUST	3. GIVE AND TAKE	4 WEEKS	13
9	SEPTEMBER	4. LONG AND SHORT	4 WEEKS	06
10		5. SHAPES AND DESIGNS		07
11	OCTOBER	<i>HALF YEARLY EXAM</i>		
12		6. FUN WITH GIVE AND TAKE	2 WEEKS	06
13	NOVEMBER	7. TIME GOES ON!	4 WEEKS	09
14		8. WHO IS HEAVIER?		04
15	DECEMBER	9. HOW MANY TIMES?	3WEEKS	09
16	JANUARY	12. CAN WE SHARE?	4 WEEKS	08
17		11.JUGS AND MUGS		03
		10. PLAY WITH PATTERNS		02
18	<i>PERIODIC TEST-II</i>			
19	FEBRUARY	13. SMART CHARTS	4 WEEKS	06
20		14. RUPEES AND PAISE		07
21	MARCH	<i>SESSION ENDING EXAM</i>		

KENDRIYA VIDYALAYA SANGATHAN, CHENNAI REGION
SPLIT UP SYLLABUS 2021-22

CLASS- III

SUBJECT- MATHS

Month / week	Number of periods required	Lesson / chapter name	Concept / skill	Learning Objectives	Learning outcomes	AAC Activities	Online resources / TLM / Teaching aids/worksheets (suggestive links can be provided)	Assessment strategies
JUNE	4	Bridge course	BRIDGE COURSE(With TLOs of class 2) & Number concept.	<p>All about 2 digit numbers</p> <p>Number counts upto 99</p> <p>3) Number operations</p> <p>4)Patterns/Shapes</p>	<p>Knowledge</p> <p>Knows the basic number concepts</p> <p>UBC</p> <p>Takes number forward, backward and skip counting (Tables of 2,3,5 &10)</p> <p>AC</p> <p>Performs number operation using standard and grid algorithm</p> <p>PSA</p> <p>Recognise patterns and basic shapes around them</p>	<p>Locates any 2 digit in a 10 x10 grid and able to describe that number mathematically.</p> <p>Observe the sequence and fills the blanks. Count the numbers as tens and ones</p> <p>Able to develop their own strategies for number operations</p> <p>Realises the pattern followed</p>	<p>Revision of number concepts-(expanded form, place, place value, number names, ordering them)</p> <p>Visualise 10 x10 grid and count forward and backward mentally. Number cards, 10 cards, 1 cards, 10 x 10 grid</p> <p>LINK 1</p>	<p>https://www.liveworksheets.com/sv86978it</p> <p>https://www.liveworksheets.com/ab1169818mb</p>

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JULY	5	WHERE TO LOOK FROM	<p>Understanding Basic</p> <p>Concepts 2D and 3D shapes</p> <p>Different views (Top,Front, Side)</p> <p>Symmetry and mirror halves</p> <p>Floor /Rangoli patterns</p>	<p>Observes and recognizes the 2 D /3Dshapes around them</p> <p>To realise that objects look different from various views</p> <p>Differentiate symmetrical and asymmetrical objects</p> <p>Make patterns and shapes using dotted sheet.</p>	<p>Differentiate and relate 2D shape with 3D shape. Makes 2D shapes by paper folding, dot grid/drawing straight lines. Describes 2 D shapes by the number of sides, corners and diagonals.</p> <p>Recognise and draw various objects in different views.</p> <p>Draws line of symmetry for various shapes.</p> <p>Recognises the patterns in shape.</p>	<p>Make shapes using paper folding activity</p> <p>Observes 2 D and 3D shapes and relate them(Bangle-Ball, paper -book etc.)</p> <p>Explore 2D shapes available at home and describe in their own words /languages</p> <p>-To show pictures of objects taken in various angles and asking them to identify the view(top/side)</p> <p>Using a paper folding activity, identify the line of symmetry in alphabets/pictures</p> <p>Draw rangoli patterns.</p>	<p>2D /3 D objects available at home</p> <p>Dotted sheets.</p> <p>Objects available at home</p> <p>https://youtu.be/5BMdXmH_Uos</p> <p>https://youtu.be/3GbrR416BM0</p> <p>Dotted sheep/Isometric sheet</p>	<p>LINK 1</p> <p>Following link is for an interactive activity:</p> <p>LINK 2</p> <p>3129506002195578881154</p> <p>Liveworksheets:-</p> <p>LINK 3</p> <p>LINK 4</p>

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JULY	7	.FUN WITH NUMBERS	<p>Knowledge Numbers from 100 to 999</p> <p>UBC</p> <p>Face/place value, expanded form,</p> <p>Comparison and ordering of numbers.</p> <p>PSA Problem solving ability- Puzzle</p>	<p>Counts and recites number names. Identifies and write numerals/ number names</p> <p>Composes and decomposes numbers into hundreds, tens and ones and orders them</p> <p>Write the numbers in expanded form applying place values.</p> <p>Solves puzzles of three digit numbers using the hints given</p>	<p>Reads and writes numbers up to 999 and forms number using place value chart.</p> <p>Compares and arranges the numbers in order</p> <p>Writes the number in expanded form using place value concept</p> <p>Solves simple daily life problems using addition and subtraction of three-digit numbers with and without regrouping, sums not exceeding 999</p>	<p>Use a 10 x10 grid to read numbers from 1-100. Extend the principle to read numbers more than 100.</p> <p>Jumping forward and backward can also be included</p> <p>Explore “Who am I” type puzzles</p> <p>Use the grid to do skip counting by 2s ,3s, 5s 10s t and enjoy the patterns/signs formed</p>	<p>Place value cards, number cards from 0 to 9, 10x10 grid sheet.</p> <p>e-content</p> <p>LINK 1</p>	<p>PT1</p> <p>-MCQs (Google forms)</p> <p>Puzzles</p> <p>“Who am I” may be given as home assignments.</p> <p>LINK 2</p>

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AUGUST	13	GIVE AND TAKE	<p>Ability to compute</p> <p>Addition 3digit)</p> <p>Horizontal</p> <p>Vertical Algorithm</p> <p>.Problem solving ability</p> <p>Daily life problems</p>	<p>Adds 3-digit numbers in vertical and horizontal algorithm with regrouping (sum not exceeding 999)</p> <p>Solves one step real life problems involving addition of 3-digit numbers with and without regrouping (sum not exceeding 999)</p>	<p>Adds three-digit numbers with or without regrouping</p> <p>Solves simple daily life problems using addition and subtraction of three-digit numbers with and without</p> <p>Analyses and applies an appropriate number operation in the situation/context</p>	<p>To write correct account for the items of bought at home.</p> <p>To estimate the sum of two 3-digit numbers before adding. --Provide them some simple daily life situations</p>	<p>Place value cards and number cards e-content</p> <p>LINK 3</p>	<p>Offline worksheets</p> <p>LINK 4</p> <p>Google forms</p>

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SEPTEMBER	05	LONG AND SHORT	<p>Knowledge</p> <p>Non standard unit of measurement</p> <p>Measuring Length</p> <p>Ability to compute</p> <p>Conversion of Units(m/cm)</p>	<p>Measures an object using a non standard units and standard Uses a ruler/measuring tape</p> <p>With the understanding of standard measure of 'centimeter', uses a ruler and tape to measure length of familiar objects in cm</p> <p>Converts the units from cm to m and vice versa</p>	<p>Uses tools to measure the lengths of objects</p> <p>Measures the given object using ruler and tape</p> <p>Converts the units from cm to m and vice versa</p>	<p>Theme: Non-standard units of measurement (Length)</p> <p>•To measure the things using the things available at home.</p>	<p>Paper clips, ruler, inch tapes, other things available at home like pen, pencil, spoons and their body parts</p>	<p>Google forms</p> <p>Offline tests</p> <p>e-content</p> <p>LINK 1</p>

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SEPTEMBER	07	SHAPES AND DESIGN S	<p>Knowledge</p> <p>Types of lines (straight and curved)</p> <p>Understanding basic concepts</p> <p>Concept of 2 D/3D shapes</p> <p>Floor pattern/tile pattern</p> <p>Problem solving</p> <p>Tangrams</p>	<p>Uses straight and curved lines to make various shapes.</p> <p>Relate 2 D and 3 D shapes</p> <p>Observes floor patterns and identifies the base tile used</p> <p>Uses the tangram pieces to make a different shape</p>	<p>Draws a picture using various shapes.</p> <p>Describes 2 D and 3 D shapes</p> <p>Tiles 2D shapes together leaving no gaps.</p> <p>Makes various shapes using the tangram pieces.</p>	<p>Practice drawing pictures using lines/shapes.</p> <p>To observe the sides corners and edges of things available at home</p> <p>Explore the site: LINK 1</p> <p>Explore the site and make your own tangram shapes. LINK 2</p>	<p>Cut outs of papers in different shapes</p> <p>2D/3D shapes at home</p>	<p>Home assignments - Tangram(5 piece and 7 piece)</p> <p>Creative offline worksheets</p> <p>LINK 3</p>

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OCTOBER	6	FUN WITH GIVE AND TAKE	<p>Knowledge</p> <p>Skip counting</p> <p>AIC</p> <p>Subtraction (3 Digit numbers)</p> <p>Addition Subtraction Relationship</p> <p>PSA</p> <p>Daily life problems</p>	<p>Completes number sequences with skip counts</p> <p>Subtracts 3-digit numbers in vertical algorithm with regrouping (pictorially and numerically)</p> <p>Recognizes and use the inverse relationship between addition and subtraction to check calculations and solve missing number problems</p> <p>Solves the problems in the real life context involving subtraction of 3-digit numbers with and without regrouping</p>	<p>Uses the skip counting to complete the sequence</p> <p>Subtracts three-digit numbers</p> <p>Realises addition and subtraction are reverse operations.</p> <p>analyses and applies an appropriate number operation in the situation / context (expression) and solve</p>	<p>Makes 3 digit numbers and compares</p> <p>Provide them some simple daily life situations involving addition and subtraction. They will analyse the situation, solve and check themselves.</p> <p>Frame their own statement problems (daily life) to solve .</p> <p>https://toytheater.com/place-value-disks/</p>	<p>Place value cards, number cards from 0-9, specimen coins and currencies</p>	<p>Google form test</p> <p>Live worksheets</p> <p>CLICK HERE</p> <p>CLICK HERE</p>

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NOVEMBER	09	TIME GOES ON	<p>UBC Reading Calendar</p> <p>Reading Clock</p> <p>Time representation</p>	<p>Answers questions and infers information from a calendar on months, their duration, days of the week</p> <p>Read the time on a clock to the hour and half hour through understanding the role of the hour hand and minute hand. Sequence the set of events seeing the date</p> <p>Draw minute and hour hand in a clock to represent a given time (in hours and half-hour units only)</p>	<p>Identifies a particular day and date on a calendar</p> <p>Reads the time correctly to the hour using a clock /watch</p> <p>Draws and clock and represents the given time.</p>	<p>Note down the time taken for their daily activities .</p> <p>Enjoy the Number patterns in calendar</p> <p>Draw their own growth timeline.</p> <p>Explore the site</p>	<p>Calendar, clock at home to be used</p> <p>LINK 3</p> <p>LINK 4</p> <p>LINK 1</p> <p>LINK2</p>	<p>Home assignment-offline</p> <p>LINK 5</p> <p>Google form test</p> <p>LINK 6</p>

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NOVEMBER	04	WHO IS HEAVIER?	<p>Knowledge</p> <p>Weighing (Standard and Non standard Units)</p> <p>UBC</p> <p>Estimation of weight</p> <p>Comparison Of weight</p> <p>PSA</p> <p>Daily life problems</p>	<p>With the understanding of standard measure of 'kilogram', uses a weighing scale to measure weight of familiar objects to nearest kilogram</p> <p>Estimates and verifies weights of everyday objects (less than, equal to, or greater than 1kg)</p> <p>Compares weights of different objects in standard units (nearest kilogram)</p> <p>Solves simple addition and subtraction problems on weight involving standard units (kilograms and grams)</p>	<p>Weighs objects using standard units– grams and kilograms using simple balance</p> <p>Estimates the weight of different objects.</p> <p>Compares the weight of different objects.</p> <p>Adds and subtracts measures involving grams & kilograms in real life situation</p>	<p>Correct the wrongly measured units in the story (yummy rice) and thus get an idea of quantities of different items used at home</p> <p>Compare the weights using their balance and make sand packets to balance the given weight</p> <p>Explore the given site LINK4</p> <p>Express 1 kg in different ways (using the items in grams available at home)</p>	<p>Packed items at home, balance made by them</p> <p>LINK 1</p> <p>LINK 2</p> <p>LINK 3</p>	

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DECEMBER	9	HOW MANY TIMES?	<p>UBC Multiplication as repeated addition</p> <p>Multiplication facts</p> <p>AIC</p> <p>Multiplication (upto 2 digit by 2 digit)</p> <p>Multiplication Tables</p> <p>PSA</p> <p>Daily life problems</p>	<p>Demonstrate multiplication as repeated addition</p> <p>Represents multiplication in number statement</p> <p>Multiplies 2-digit numbers with 1 digit number and 2-digit numbers with 2 digit numbers</p> <p>Recalls and uses multiplication tables to solve simple problems</p> <p>Applies multiplication of one digit number in day to day life</p>	<p>Explains the meaning of division facts by equal grouping /sharing</p> <p>Constructs the multiplication facts of 2, 3, 4,5 and 10</p> <p>Multiplies a 2 digit number with 2 digit number</p> <p>Recites and uses multiplication tables</p> <p>Solves simple daily life problems using multiplication tables</p>	<p>Use the items at home to group and count and thus explore tables of numbers.</p> <p>Write the statement for the items grouped.</p> <p>Practice quick multiplication.</p> <p>Practise multiplication problems</p> <p>Mock- shopping</p> <p>Explore the site</p> <p>TOYTHEATER</p>	<p>LINK 1</p> <p>LINK 2</p>	<p>Google form test(LAT)Home assignments</p> <p>LINK 3</p> <p>LINK4</p>

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JANUARY	02	PLAY WITH PATTERNS	<p>Knowledge Repeating/growing/number/shapes patterns</p> <p>Decodes secret messages</p>	<p>Identifies that some patterns grow while some repeat. Identifies the rule and creates various patterns.</p> <p>Uses the knowledge of patterns to decode secret messages</p>	<p>Recognises the given pattern (like odd, even)</p> <p>Decodes the secret messages based on patterns.</p>	<p>Observes and identifies the pattern in nature and surroundings.</p> <p>Observe the pattern blocks in household items (cloth, window grills etc.,)</p> <p>Create own designs using patterns.</p> <p>Coding and decoding of messages using alphabets and numbers</p>	<p>Flash cards of different designs. Patterns in nature.</p> <p>https://youtu.be/UDsD5sQOF A</p> <p>https://youtu.be/j7Q9IUi Eo4</p>	<p>Google forms</p> <p>-offline worksheets</p> <p>-interactive worksheets from diksha</p> <p>https://www.liveworksheets.com/qf1313773sd</p> <p>https://toytheater.com/pattern-blocks/</p> <p>Home assignments: Coding and decoding secret messages</p>

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JANUARY	3	JUGS AND MUGS	<p>Knowledge of standard and non standard units of capacity.</p> <p>Estimating capacities</p> <p>AIC</p> <p>Relates/converts litre and millilitre.</p> <p>PSA</p> <p>Daily life problems on capacities</p>	<p>Explains the standard /non standard measure of capacity(1, ml)</p> <p>Estimates, verifies and compares capacities of everyday objects by using 1 liter as standard</p> <p>Uses 1 litre as a standard measure to measure capacities</p> <p>Conversion of units from l to ml and vice versa</p> <p>Solves simple problem based real life problems on capacity involving standard units (liter)</p>	<p>Identifies the items at home and note the standard measurements of capacity.</p> <p>Identifies the containers that can measure litres and milliliters.</p> <p>Converts the unit l to ml and vice versa.</p> <p>Solves simple daily life problems on capacities using appropriate operations</p>	<p>Makes a list of containers that can measure in litres and millilitres</p> <p>To experiment at home the capacities of different containers .</p> <p>Expressing the capacity of 1 litre in terms of different containers</p> <p>Get an idea of half, twice of litre by observing the packed items at home.</p>	<p>1 litre bottle, ice cubes</p> <p>Different types of containers we use in our daily life</p> <p>https://youtu.be/sUspyoGpb5A</p>	<p>Google forms</p> <p>Offline worksheets</p> <p>Interactive worksheets from diksha</p> <p>LINK1</p> <p>Worksheets</p> <p>To observe and colour the quantity of liquid in the containers</p>

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JANUARY	9	CAN WE SHARE?	<p>Knowledge</p> <p>Sharing equally</p> <p>PSA Real life problem (2 Digit without remainder)</p> <p>UBC</p> <p>Multiplication and division fact</p>	<p>Explains division as "sharing equally .Knows the various properties of division</p> <p>Solves simple real life problems involving division (without remainder) (2 digit number)</p> <p>Recognizes and uses the relationship between multiplication and division to check calculations</p>	<p>Explains the meaning of division facts by equal grouping /sharing and finds it by repeated subtraction.</p> <p>Analyses and applies an appropriate operation in the situation / context.</p> <p>Uses multiplication tables to do division.</p>	<p>Divide the given number of things into equal groups in different ways.</p> <p>Practise quick division .</p> <p>Solve situational problems involving multiplication and division</p>	<p>Items available at home.</p> <p>LINK 1</p> <p>LINK 2</p>	<p>Online /offline worksheets</p> <p>LINK 3</p> <p>LINK4</p>

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FEBRUARY	06	SMART CHARTS	KNOWLEDGE Recognise/observe/ Collect and classify data UBC Tally mark Pictograph	Recognise and collect data Records data using tally charts and numerals in tables and answers simple questions based on the information Represents data visually (pictographs and bar charts) and draws inferences	Classifies and categorise any data Records data using tally marks Records data using tally marks, easy symbols and draws conclusion	Collects various objects at home and prepare a data Draws tally marks for any numerical data and vice-versa Interprets the data collected by them	Colour pencils https://youtu.be/2PQqBN8_U7A https://youtu.be/BoDGRtkoNm8 https://www.liveworksheets.com/cc1601735oe	Google forms Offline worksheets Interactive worksheets from diksha https://www.liveworksheets.com/cc1601735oe DICE GAME

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FEBRUARY	7	RUPEES AND PAISE	<p>Knowledge Indian currency notes and coins.</p> <p>Ability in computation Conversion from Rupee to paise and vice versa</p> <p>Simple operation involving money</p> <p>Problem solving ability</p> <p>Billing</p> <p>Daily life Problem</p>	<p>Recognises the various coins and currencies used at present.</p> <p>Understands the conversion if Rupees to paisa and vice versa</p> <p>Solves simple addition and subtraction involving money</p> <p>Makes rate charts and prepares the bill</p> <p>Solves 2-step addition and subtraction problems involving money in a practical context, including giving change</p>	<p>Realises the need and value of money.</p> <p>Converts Rupees to paisa and vice versa.</p> <p>Adds and subtracts sums involving .</p> <p>Prepares the bill</p> <p>Analyses and applies an appropriate number operation in the situation involving money</p>	<p>Encourage the children to save their pocket money in their piggy bank and keep a daily record for a week.</p> <p>Encourage children to make estimation</p> <p>Encouraging children to be critical observer of money transactions while they accompany parents while shopping.</p> <p>Asking questions based on money transactions.</p>	<p>Coins Currency notes Market bills Vegetables and fruits cost list</p> <p>https://youtu.be/TyXL-0j7m-k</p> <p>https://youtu.be/HMIC_6KEV3w</p>	<p>Home assignments</p> <p>Add the savings of five friends.</p> <p>Providing situations for children to estimate the cost when rates are given.</p> <p>Preparing bill using cash memos</p> <p>- Worksheets/videos from Diksha LINK 1 LINK 2</p>