KENDRIYA VIDYLAYA SANGATHAN: HYDERABAD REGION

SPLIT UP OF SYLLABUS TERM-1 FOR ACADEMIC SESSION 2024-25 CLASS: V SUBJECT: MATHEMATICS

S.NO	MONTH	NO. OF WORKING DAYS	NO. OF PERIODS REQUIRED	NAME OF THE CHAPTER/ TOPIC TO BE COVERED	SUGGESTED TLOS	TEACHING AIDS/ E-CONTENT/INNOVATIVE PRACTICES TO BE ADOPTED	TEST OR EXAMINATI ON TO BE CONDUCTE D
	APRIL/MAY	24	24	The Fish Tale	☐ Draws different figures (sea creatures) using different shapes. ☐ Reads and writes large numbers. ☐ Can round off the numbers to nearest ten, hundred and thousand. ☐ Understands the relationship between speed, distance and time. ☐ Understands concept of loan, interest and saving	*Reading of large numbers: Get the context of large numbers from Newspapers, internet and ask the student to read the numbers.	LAT-1 1. The Fish Tale

					☐ Solves word problems based on large numbers.	Periods Crores Lakhs Thousands Ones Places Places Link: https://www.youtube.com/watch?v=FvetzSf wN_U&list=PL314D2B8F59F86B8B&index=1	
2	JULY(6)	8+6	14	Shapes and Angles	☐ Understands the concept of a ray, line, line segment. ☐ Distinguishes between corners, edges, straight and curved edges. ☐ Understands the meaning of an angle. ☐ Knows the different types of angles.	1 Round of Surya Namaskar 1 Round of Surya Namaskar	LAT-2 2. Shapes and Angles

					☐ Classification of angles as acute, obtuse and right angle.	2. Make 8 triangles using 6 match sticks. (puzzle)	
					☐ Can properly use the protractor to draw an angle.	D	
					☐ Solves simple problems related to the measurement of different angles in real life.	Link: https://www.youtube.com/watch?v=YLGgLR wwchE&list=PL314D2B8F59F86B8B&index=2	
3	JULY(23-6)	17	6	How Many Squares?	☐ Understands the concept of area and perimeter. ☐ Measures area of regular and irregular shapes using 1cm square grid (graph paper) or geo board.	1.Finding area and perimeter by placing and tracing the boundaries of regular shaped things on a square grid/graph paper 2.Find out the area of irregular shape	PERIODIC TEST-1 (8.7.2024) TO 11.7.2024) SYLLABUS: APRIL 2024 TO JUNE 2024 1.The Fish Tale 2.Shapes and Angles

_		_	· · · · · · · · · · · · · · · · · · ·
		☐ Derives formula for finding the perimeter and area of given figure and express its unit. ☐ Solves simple problems related to the measurement of area and perimeter in real life.	Link: https://www.youtube.com/watch?v=HLp8Q welCWc&list=PL314D2B8F59F86B8B&index= 4
	Parts and Wholes	☐ Identifies fraction as a part of whole or a part of collection. ☐ Understands fraction as a division. ☐ Understands the different types of fractions — Proper /improper fraction Like/unlike fraction Unit fraction	1Paper folding activities to show different parts of a whole/half /quarter fraction. folding in half in quarters 2. Making an equivalent fraction chart.

					Mixed fraction		
					Equivalent fraction		
						is equal to	
					☐ Converts improper fraction to	$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12}$	
					mixed numeral and vice-versa.		
					☐ Generates equivalent fraction to		
					a given fraction.	Link:	
						https://www.youtube.com/watch?v=by1hgx5	
						o7uY&list=PL314D2B8F59F86B8B&index=5	
					☐ Comparison of fraction with		
					same denominator or with same numerator.		
5	AUGUST	23	9	Does it Look the		1.Trace the line of symmetry and colour half of the image.	LAT-3
				Same.			5.Does it
					☐ Observes and describes the		Look the Same.
					simple geometrical patterns.		6.Be my
						2. Making cut-outs of different numbers	Multiple, I will be
					☐ Identifies symmetrical (mirror	and letters which would look same and different on rotation	Your
					halves images) and non symmetrical shapes, alphabets		Factor
					etc.		

☐ Sorts out the prime and	Number of bangles	Different groups we can make
composite numbers between	18	1, 2, 3, 6, 9, 18
the given numbers.	24	1, 2, 3, 4, 6, 8, 12, 24
the given numbers.	5	1,5
	9	1, 3, 9
	7 7	1,7
☐ Can solve the simple problems	2	1, 2
based on L.C.M. and H.C.F.	10	1, 2, 5, 10
	1	1
	20	1, 2, 4, 5, 10, 20
	13	1, 13
	21	1, 3, 7, 21
		ube.com/watch?v=24M8Er

	T	T	T.	Τ_		I do a da d	T
7	SEPTEMBER	23	8	Can you		1.Observe the patterns on gift	MID TERM
				see the		wrappers/cloth/and try to deduce	EXAM
				Pattern		the rule.	(17.09.2024
				 	☐ Observes and understands the	}	TO 23.09.2024)
				Revision			25.05.2024)
			15	for Mid	patterns.	\$\@\@\@\@\@\@\@\@\@\@\@\@\@\@\@\@\@\@\@	SYLLABUS:
				Term exam		An all a mark a all a	APRIL 2024
							TO SEPTEMBER
					☐ Recognizes the basic unit	thochochochochochochochoch	2024
					which generates the pattern.	istock	1.The Fish
							Tale
							2.Shapes
					☐ Makes patterns with numbers		and
					and letters.		Angles
					and retters.	144 M 0 0 1 M 144 M 0 0 1 M	3.How
							Many
					☐ Compltes the given patterns		Squares?
							4.Parts
					using four basic operation of		and
					mathematics.		Wholes
							5.Does it
						September 1	Look the
							Same.
							6.Be my Multiple, I
							will be
						Completes the given patterns	Your
							Factor
							7.Can you
							see the
							Pattern
$\overline{}$		1				ļ	1. 3000

			1. 1A, 26Z, 2B, 25Y, 2. $\frac{1}{2}$, $\frac{2}{3}$, $\frac{3}{4}$, 3. $100 - 10$, $90 - 9$, $80 - 8$, 4. 35×8 , 34×7 , 33×6 , 5. 5 , 10 , 20 , 6. $\frac{50}{5+0}$, $\frac{45}{4+5}$, $\frac{40}{4+0}$, 7. 20 , 22 , 26 , 8. $\frac{AZA}{2}$, $\frac{BYB}{4}$, $\frac{EVE}{10}$,
			Link: https://www.youtube.com/watch?v=WVyTpl o3 o0&list=PL314D2B8F59F86B8B&index=11

KENDRIYA VIDYLAYA SANGATHAN: HYDERABAD REGION

SPLIT UP OF SYLLABUS FOR ACADEMIC SESSION 2024-25 CLASS: V SUBJECT: MATHEMATICS TERM-2

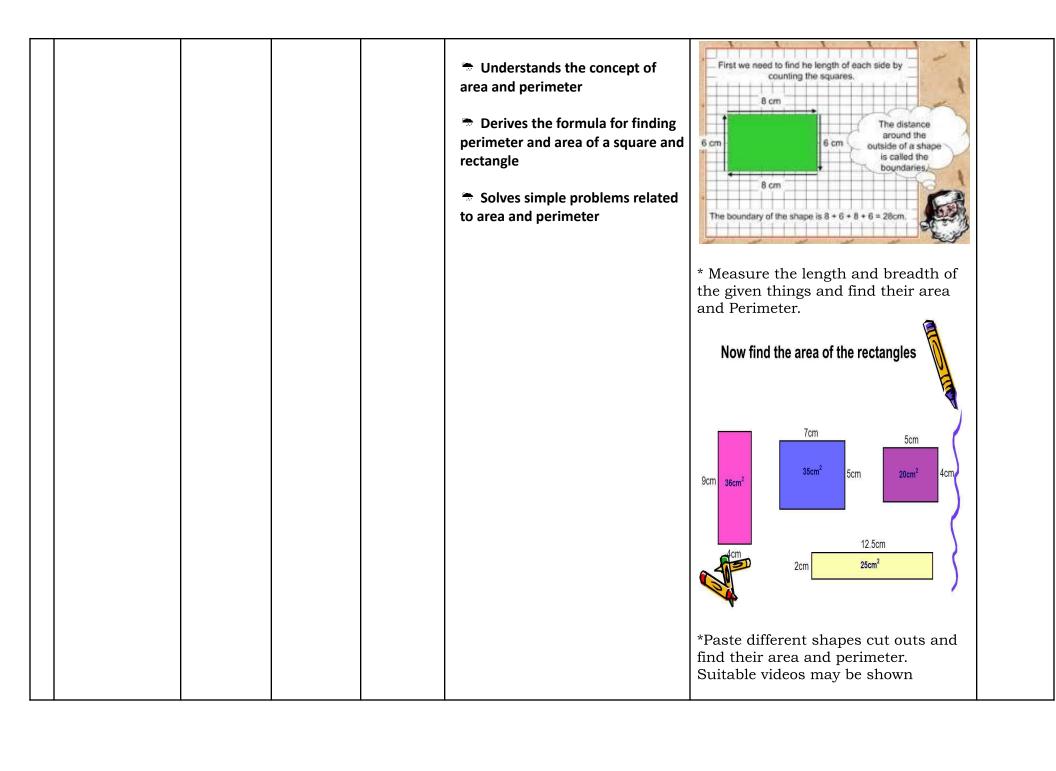
S	MONTH	NO. OF WORKIN G DAYS	NO. OF PERIODS REQUIRED	NAME OF THE CHAPTER/ TOPIC TO BE COVERED	SUGGESTED TLOS	TEACHING AIDS/ E-CONTENT/INNOVATIVE PRACTICES TO BE ADOPTED	TEST OR EXAMINATI ON TO BE CONDUCTE D
---	-------	----------------------------	-------------------------------	---	----------------	---	---

South/	1	October	16	10	Mapping your way	☐ Reads a school map, city map and other maps. ☐ Understands the need of a scale in a map ☐ Develops the concept of enlarging /reducing the area in the given map. ☐ Understands the four directions and locates the areas asked	Activity 1. Introducing the four main directions East, West, North andSouth through Direction through song. Introducing Left and Right directions through action song. Finding out the actual distance between two places using the Scale given in the map. North-West South-West South-East South-East	LAT-4 8.Mappin g your way 9.Boxes and Sketches
2.Drawing the floor plan of the school and locating the different							2.Drawing the floor plan of the	

_							
						Rooms. W Ploor plan Deep- Link: https://www.youtube.com/watch?v=friompS PssU	
2	October(16-10)/ November (4)	23	10	Boxes and Sketches	☐ Understands the concept of 2D and 3D shapes ☐ Differentiates between the 2D and 3D figures. ☐ Draws 2D and 3D shapes ☐ Solves simple problems	1. Various objects from the surroundings that resemble different geometrical shapes can be presented to studemts. Square circle triangle rectangle cube cylinder 2. Introducing 3D shapes with thehelp of different objects like pencilbox, duster, Tiffin box, penciledge, dice, water bottle, joker's cap and ball.	LAT-5 10.Tenths And Hundredt hs

						2D & 3D Shapes Clip Art Link: https://www.youtube.com/watch?v=TJDELj 1nDG8&list=PLJNP1sbmZF58TutnU2cugv p9rF8-xClv8&index=1.
3	November (23-4)	19	19	Tenths And Hundredt hs	 Develops understanding of decimals through fractions with denominator 10 and 100. Converts a decimal into fraction and vice versa Compares the fractions Computes the decimal figures 	1.Using a place-value table, the teacher gives them the knowledge of decimal representation of tenths. 103 102 101 100 • 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

					The Hundredths Decimal Place 2.540 2.540 2.540 2.540 2.540 2.540 2.540 2.540 2.540 2.540 2.554 2.554 3.550 4.550	
4	December	21	21	Area and its Boundary	Find the area and compare and write which has	LAT-6 11.Area and its Boundary



						https://www.youtube.com/watch?v= qDtv2kLYjeY https://www.youtube.com/watch?v= fK79gAAkiqA	
5 Januai	Y	23	10	Smart Charts	☐ Collects and records data ☐ Represents the data in tabular form or bar graph. ☐ Draws conclusions and inferences from the data. ☐ Solves simple problems using charts/data.	Collects information regarding different real life situation like 1. number of vehicles passing on a road to record the data. Students help their parents in different household works. Animal Tally marks Number	PT-2 (04-01-25 TO 08-01-25) Syllabus: October 2024 to December 2024 8.Mappin g your way 9.Boxes and Sketches 10.Tenths And Hundredt hs 11.Area and its Boundary

					Pile chart But Chart A Avail Away 30 conquer squarday of the date of avail sering temperature and a surple surple of a surpl
6		13	Ways to multiply and Divide	☐ Can multiply 2 or 3 digit numbers ☐ Divides a numeral by one or two digit numeral. ☐ Understands that division is repeated subtraction. ☐ Solves problems related to multiplication and division	1. The teacher Will explain the multiplication by expended notation method EXAMPLES 6 X 70 9 6 X 9= 54 420 54 420+54=474 COSTATE LYSSON

						= 1200- = 1200- = 1220 Link:	4)+(0×4)+(5×4) +0+20	
7	February	23	13	How Big? How Heavy? Revision for Session ending exams	 Understands the concept of volume Finds the volume by arranging cube and counting them. Calculates volume of cube and cuboids of given dimensions 	Activity: Making a Making different sh thereby finding its v Making different more match box. Finding Students can find of	e of a Solid condition of the second second condition of the second condition of the second columns. In measuring bottle. In apes using 1cm cube and volume. In odels using 1 cm cube or	LAT-7 14.How Big? How Heavy?

_		ı	1	1	1				
8	March		8	Revision & Attending Session ending exams	Volume of cube with side lengths s $V = s \times s \times s = s^{3}$				
					Comparing the Volumes of Liquids in Different Containers Link: https://www.youtube.com/watch?v=odFOxc6MBE	FEBRUARY 2025 8.Mappin g your way 9.Boxes and Sketches 10.Tenths And Hundredt hs 11.Area and its Boundary 12.Smart Charts 13.Ways to multiply and Divide 14.How Big? How Heavy?			