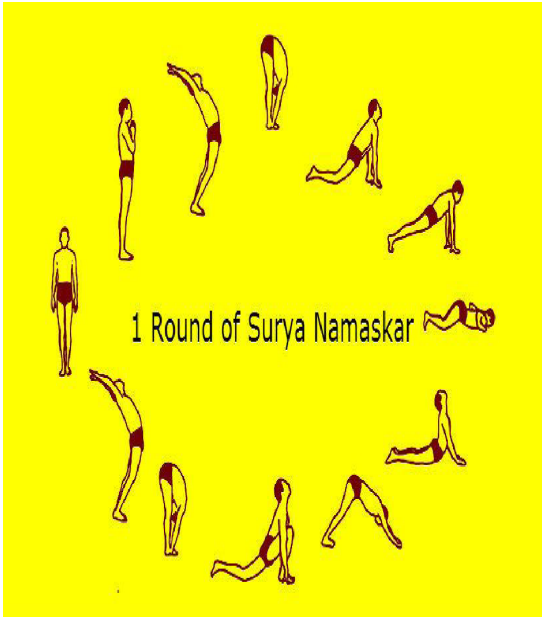
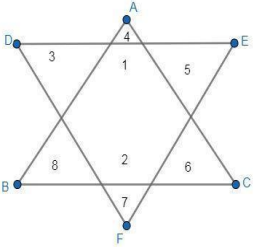
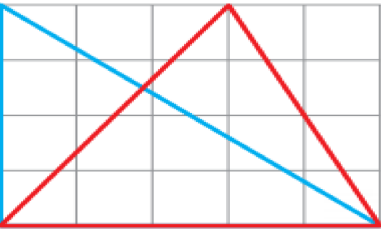


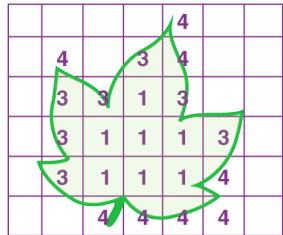
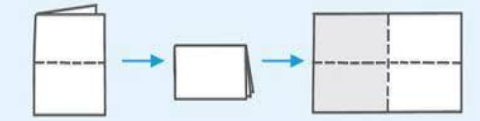
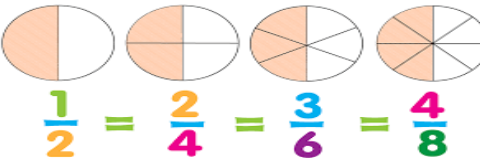
KENDRIYA VIDYALAYA SANGATHAN: HYDERABAD REGION

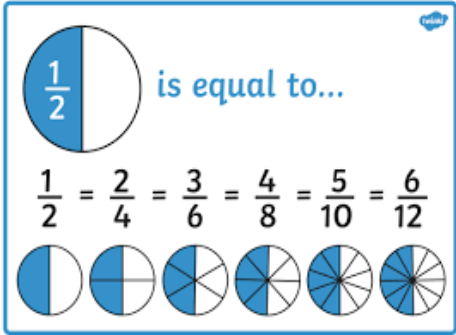
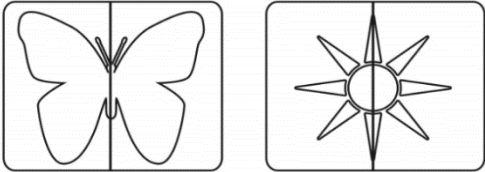
SPLIT UP OF SYLLABUS TERM-1 FOR ACADEMIC SESSION 2024-25 CLASS: V SUBJECT: MATHEMATICS

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 EXAMINATION TO BE CONDUCTED
1	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	Drawing Activity – * Make different sea animals using various geometrical shapes only and name them.  *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.	Indian Place Value Chart <table border="1"> <tr> <td>Periods →</td> <td colspan="2">Crores</td> <td colspan="2">Lakhs</td> <td colspan="2">Thousands</td> <td>Ones</td> </tr> <tr> <td>Places →</td> <td>Ten crores</td> <td>Crores</td> <td>Ten lakhs</td> <td>Lakhs</td> <td>Ten thousands</td> <td>Thousands</td> <td>Hundreds Tens Ones</td> </tr> </table> Link : https://www.youtube.com/watch?v=FvetzSfwN_U&list=PL314D2B8F59F86B8B&index=1	Periods →	Crores		Lakhs		Thousands		Ones	Places →	Ten crores	Crores	Ten lakhs	Lakhs	Ten thousands	Thousands	Hundreds Tens Ones	
Periods →	Crores		Lakhs		Thousands		Ones																
Places →	Ten crores	Crores	Ten lakhs	Lakhs	Ten thousands	Thousands	Hundreds Tens Ones																
2	JUNE(8)/ 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.Knows the different types of angles. Show the yoga posters of Surya-Namaskar to the students 	LAT-2 2. Shapes and Angles																

					□ Classification of angles as acute, obtuse and right angle. □ Can properly use the protractor to draw an angle. □ Solves simple problems related to the measurement of different angles in real life.	2. Make 8 triangles using 6 match sticks. (puzzle)  Link: https://www.youtube.com/watch?v=YLgGLRwwchE&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=HLP8QweICWc&list=PL314D2B8F59F86B8B&index=4	
4			11	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	1 Paper folding activities to show different parts of a whole/half /quarter fraction. folding in half  in quarters  2. Making an equivalent fraction chart.  $\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$	

					Mixed fraction Equivalent fraction ☐ Converts improper fraction to mixed numeral and vice-versa. ☐ Generates equivalent fraction to a given fraction. ☐ Comparison of fraction with same denominator or with same numerator.	 Link: https://www.youtube.com/watch?v=by1hgx5o7uY&list=PL314D2B8F59F86B8B&index=5	
5	AUGUST	23	9	Does it Look the Same.	☐ Observes and describes the simple geometrical patterns. ☐ Identifies symmetrical (mirror halves images) and non symmetrical shapes, alphabets etc.	1.Trace the line of symmetry and colour half of the image.  2. Making cut-outs of different numbers and letters which would look same and different on rotation	LAT-3 5.Does it Look the Same. 6.Be my Multiple, I will be Your Factor

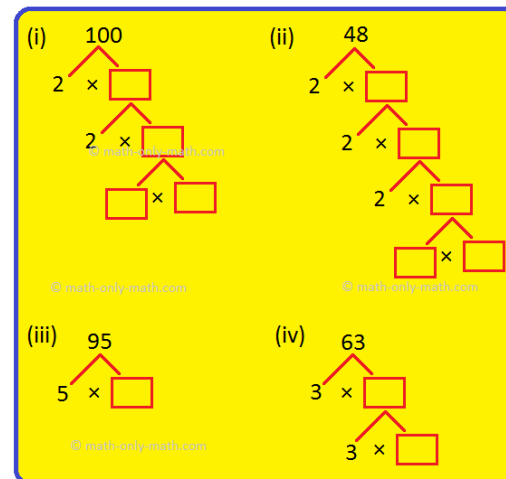
					☐ Understands the clockwise and anticlockwise $\frac{1}{2}$ turn, $\frac{1}{3}$ turn and $\frac{1}{4}$ turn.	2 5 6 8 2 5 9 8 After quarter turn After half turn A → ➤ → ▼ After quarter turn After half turn H → Ⅲ → H After quarter turn After half turn D → ◡ → ◩ After quarter turn After half turn J → ↷ → ↻ Link: https://www.youtube.com/watch?v=0ymsPrKGlu8&list=PL314D2B8F59F86B8B&index=6	
6			14	Be my Multiple, I will be Your Factor	☐ Understands the concept of factors and multiples of a number. ☐ Understands the relationship between multiples and factors.	1. Playing factor game. (using bangles , beads , seeds etc) to list out the factors of a particular number.	

☐ Sorts out the prime and composite numbers between the given numbers.

☐ Can solve the simple problems based on L.C.M. and H.C.F.

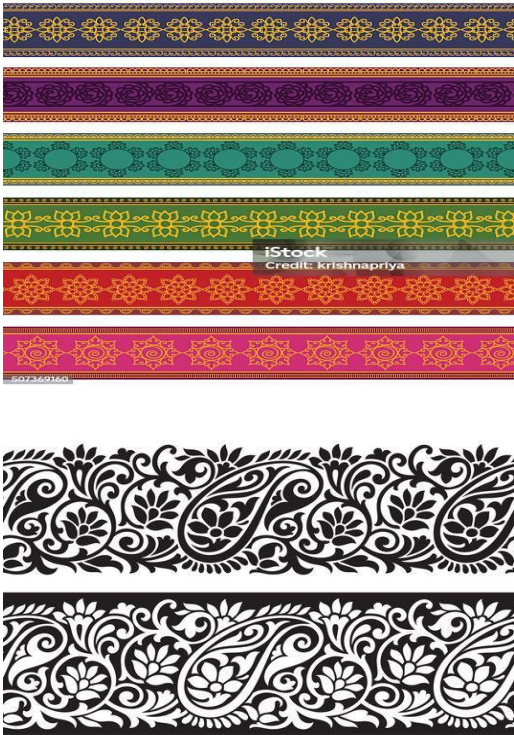
Number of bangles	Different groups we can make
18	1, 2, 3, 6, 9, 18
24	1, 2, 3, 4, 6, 8, 12, 24
5	1, 5
9	1, 3, 9
7	1, 7
2	1, 2
10	1, 2, 5, 10
1	1
20	1, 2, 4, 5, 10, 20
13	1, 13
21	1, 3, 7, 21

2. Making / drawing factor trees for the given number.



Link:

<https://www.youtube.com/watch?v=24M8ErqJg3s&list=PL314D2B8F59F86B8B&index=7>

7	SEPTEMBER	23	8	Can you see the Pattern	☐ Observes and understands the patterns. ☐ Recognizes the basic unit which generates the pattern. ☐ Makes patterns with numbers and letters. ☐ Completes the given patterns using four basic operation of mathematics.	1.Observe the patterns on gift wrappers/cloth/and try to deduce the rule.  Completes the given patterns	MID TERM EXAM (17.09.2024 TO 23.09.2024) SYLLABUS: APRIL 2024 TO SEPTEMBER 2024 1.The Fish Tale 2.Shapes and Angles 3.How Many Squares? 4.Parts and Wholes 5.Does it Look the Same. 6.Be my Multiple, I will be Your Factor 7.Can you see the Pattern
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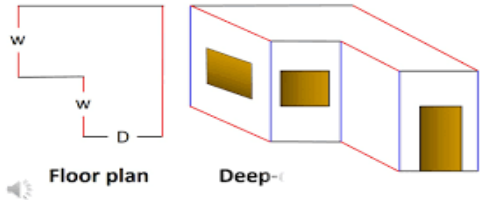
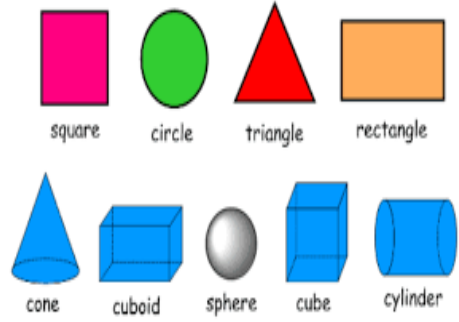
						 Link: https://www.youtube.com/watch?v=WVyTpl_o3_o0&list=PL314D2B8F59F86B8B&index=11	
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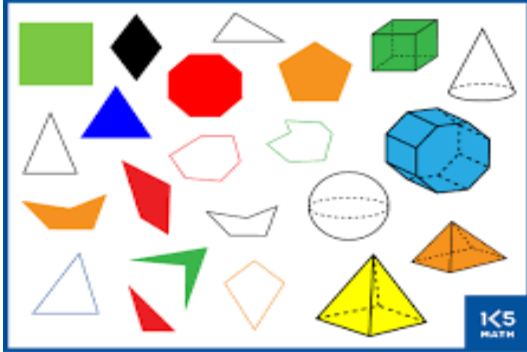
KENDRIYA VIDYALAYA SANGATHAN: HYDERABAD REGION

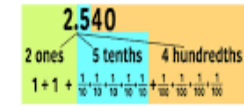
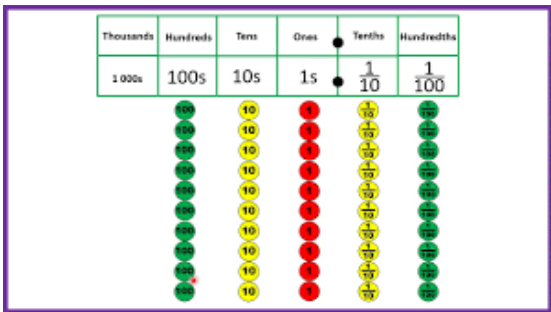
SPLIT UP OF SYLLABUS FOR ACADEMIC SESSION 2024-25 CLASS: V SUBJECT: MATHEMATICS TERM-2

S	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 EXAMINATION TO BE CONDUCTED

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. 2.Drawing the floor plan of the school and locating the different	LAT-4 8.Mappin g your way 9.Boxes and Sketches
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						Rooms.  Link: https://www.youtube.com/watch?v=friompSPssU	
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 students.  2. Introducing 3D shapes with the help of different objects like pencil box, duster, Tiffin box, pencil case, dice, water bottle, joker's cap and ball.	LAT-5 10.Tenths And Hundredths

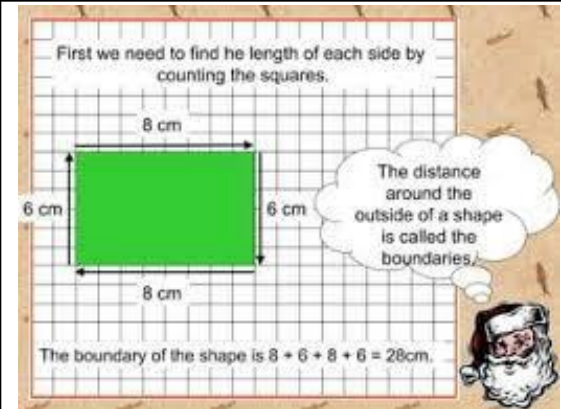
						2D & 3D Shapes Clip Art  Link: https://www.youtube.com/watch?v=TJDELj1nDG8&list=PLJNP1sbmZF58TutnU2cugvp9rF8-xCiv8&index=1.																												
3	November (23-4)	19	19	Tenths And Hundredths	☛ Develops understanding of decimals through fractions with denominator 10 and 100. ☛ Converts a decimal 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. <table><tr><td>10^3</td><td>10^2</td><td>10^1</td><td>10^0</td><td>.</td><td>$\frac{1}{10}$</td><td>$\frac{1}{100}$</td><td>$\frac{1}{1000}$</td><td>$\frac{1}{10000}$</td></tr><tr><td>thousands</td><td>hundreds</td><td>tens</td><td>ones</td><td>decimal point</td><td>tenths</td><td>hundredths</td><td>thousandths</td><td>ten-thousandths</td></tr><tr><td>1000</td><td>100</td><td>10</td><td>1</td><td>.</td><td>0.1</td><td>0.01</td><td>0.001</td><td>0.0001</td></tr></table>	10^3	10^2	10^1	10^0	.	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$	$\frac{1}{10000}$	thousands	hundreds	tens	ones	decimal point	tenths	hundredths	thousandths	ten-thousandths	1000	100	10	1	.	0.1	0.01	0.001	0.0001	
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						The Hundredths Decimal Place  <table border="1" data-bbox="1650 180 1896 418"> <thead> <tr> <th colspan="4">Whole Number Part</th> <th></th> <th colspan="3">Decimal Part</th> </tr> <tr> <th>Thousands</th> <th>Hundreds</th> <th>Tens</th> <th>Ones</th> <th>Decimal Point</th> <th>Tenths</th> <th>Hundredths</th> <th>Thousandths</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>2</td> <td>.</td> <td>5</td> <td>4</td> <td>0</td> </tr> </tbody> </table> Home activity *Measure the heights of family members. Make a table  Link: https://www.youtube.com/watch?v=BndLndERjPo	Whole Number Part					Decimal Part			Thousands	Hundreds	Tens	Ones	Decimal Point	Tenths	Hundredths	Thousandths				2	.	5	4	0	
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Thousands	Hundreds	Tens	Ones	Decimal Point	Tenths	Hundredths	Thousandths																								
			2	.	5	4	0																								
4	December	21	21	Area and its Boundary		* Draw rectangle (i) 5x6 (ii) 11x3 on a graph paper count the number of sq. Find the area and compare and write which has larger area.	LAT-6 11.Area and its Boundary																								

☂ Understands the concept of area and perimeter

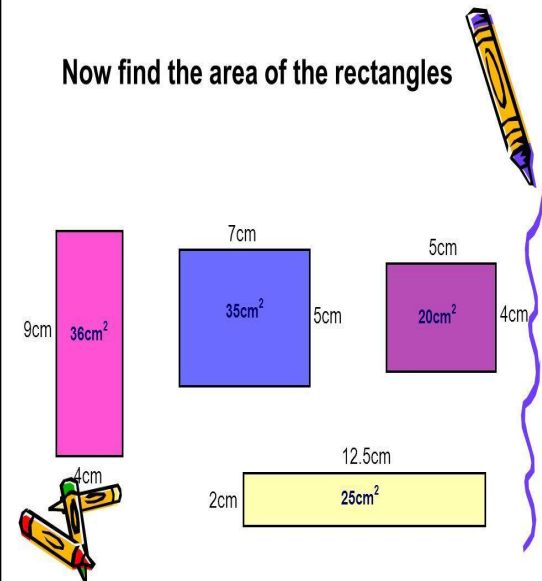
☂ Derives the formula for finding perimeter and area of a square and rectangle

☂ Solves simple problems related to area and perimeter

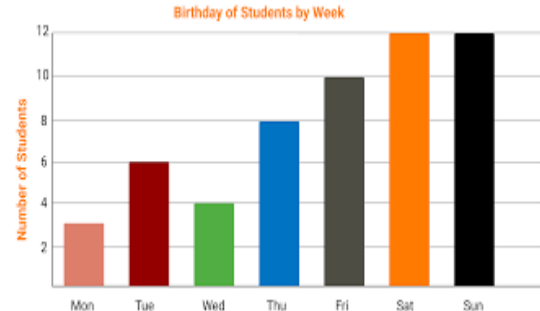


* Measure the length and breadth of the given things and find their area and Perimeter.

Now find the area of the rectangles



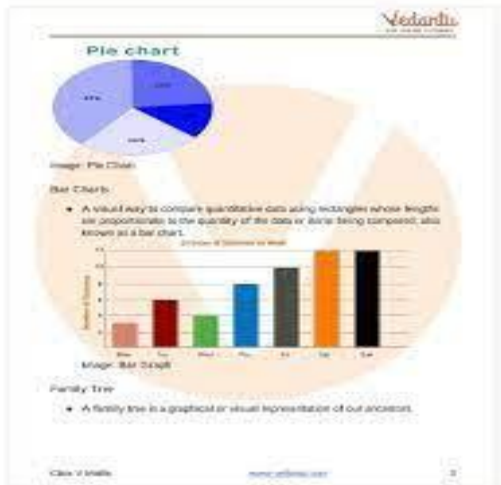
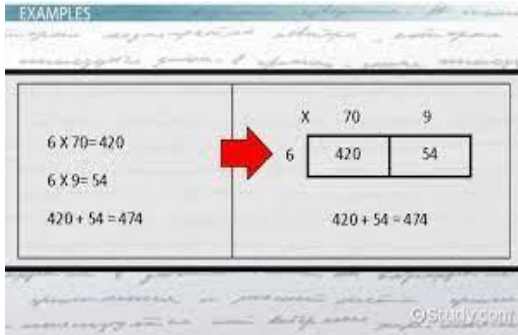
*Paste different shapes cut outs and find their area and perimeter.
Suitable videos may be shown

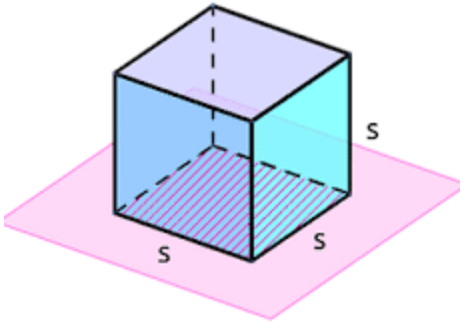
						https://www.youtube.com/watch?v=qDtv2kLYjeY https://www.youtube.com/watch?v=fK79gAAkigA																												
5	January	23	10	Smart Charts	☐ Collects and records data ☐ Represents the data in tabular form or bar graph. ☐ Draws conclusions and inferences from the data. ☐ Solves simple problems using 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. <table border="1"><thead><tr><th>Animal</th><th>Tally marks</th><th>Number</th></tr></thead><tbody><tr><td>Cats</td><td>☐/☐/☐/☐/☐</td><td>24</td></tr><tr><td>Dogs</td><td>☐/☐/☐/☐/☐/☐/☐/☐</td><td>32</td></tr><tr><td>Rabbits</td><td>☐/☐</td><td>10</td></tr><tr><td>Cows</td><td>☐/☐/☐/☐/☐</td><td>22</td></tr><tr><td>Parrots</td><td>☐/☐</td><td>8</td></tr><tr><td>Goats</td><td>☐/☐/☐/☐/☐</td><td>20</td></tr><tr><td>Squirrel</td><td>☐/☐/☐/☐</td><td>15</td></tr><tr><td colspan="2">Total</td><td>131</td></tr></tbody></table> 2. interpret the data from a given bar graph and pie chart 	Animal	Tally marks	Number	Cats	☐/☐/☐/☐/☐	24	Dogs	☐/☐/☐/☐/☐/☐/☐/☐	32	Rabbits	☐/☐	10	Cows	☐/☐/☐/☐/☐	22	Parrots	☐/☐	8	Goats	☐/☐/☐/☐/☐	20	Squirrel	☐/☐/☐/☐	15	Total		131	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
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PT-2
(04-01-25 TO 08-01-25)

Syllabus:
October 2024 to December 2024

8.Mapping your way
9.Boxes and Sketches
10.Tenths And Hundredths
11.Area and its Boundary

						 Link: https://www.youtube.com/watch?v=cU7kIrKQ2fo	
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 	

8	March		8	Revision & Attending Session ending exams		 Volume of cube with side lengths s $V = s \times s \times s = s^3$  Link: https://www.youtube.com/watch?v=odFOxc6MBE	S.E.E (2ND WEEK OF MARCH) SYLLABUS: OCTOBER 2024 TO FEBRUARY 2025 8.Mapping your way 9.Boxes and Sketches 10.Tenths And Hundredths 11.Area and its Boundary 12.Smart Charts 13.Ways to multiply and Divide 14.How Big? How Heavy?
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