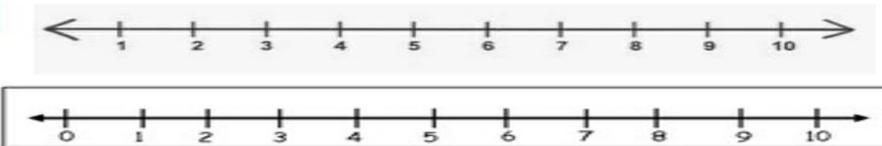
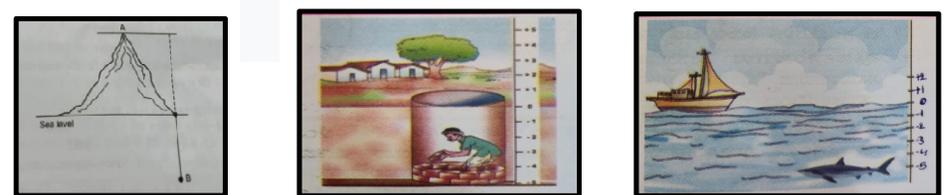
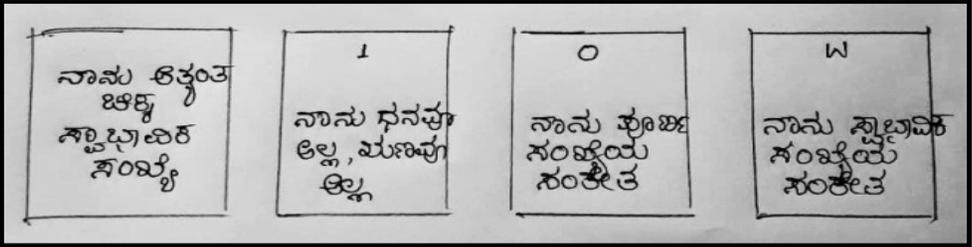
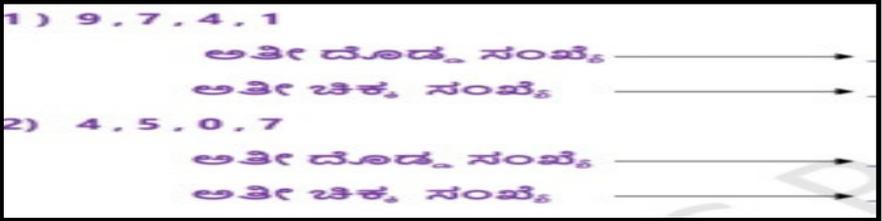


7th Class - Mathematics, Sethubandha - 30 Days of Learning & Activities

Sl. No	Desired learning outcomes	Learning points	Suggested activities	Instructions for managing activities
1.	1. Know the numbers	<p>DAY-1</p> <p>Conceptualization of Natural numbers, Whole numbers and Integers.</p>	<p>1.1: Identifying numbers in number line.</p> <p>1.2: Learn Integers from images.</p> <p>1.3: Where is the answer for my</p>	<p>1.1: Let us tell the difference between Natural and Whole numbers using Number line.</p>  <p>1.2: Introduce integers with the help of the image of the stairs and well or the image below.</p>  <p>1.3: Make more of the following card, distribute it to the children... ..the first child will read the question on the first card.</p>

			question?	<p>A child with a card with its answer will stand up and answer that question. This will continue by reading question and answering the next card... and so on</p> 
	<p>DAY-2: Writes the numbers in ascending and descending order and recognizes highest and lowest number.</p>	2.1: Numerical slices	2.1 Let each child arrange the numbers in increasing and decreasing order using the 5-digit number flashcards. 2.2 Let us help to find the minimum and maximum number from the given list of 1-digit numbers.	

2.3: Let's learn how to estimate numbers according to their respective place value.

DAY-3

Knowing the properties of a number.

3.1: Game of rules

3.1 Give children a flash card of numbers and instruct them to fill out a table using the properties of numbers.

Rule	Simplified form	Application
Closure property	$a + b = c$	$5 + 3 = 8$
Commutative property		
Associative property		
Distributive property		

Apply this activity for addition and multiplication

3.2: Sort by cutting

3.2: Let us sort by cutting the cells of the given table according to their property.

$(5 \times 6) \times 2 = 5 \times (6 \times 2)$	$4 \times 1 = 4$	$6 + (4 + 2) = (6 + 4) + 2$	$5 + 0 = 5$
$5 + 8 = 8 + 5$	$9 \times (7 + 4)$	$3 \times 8 = 24$	$9 \times 1 = 9$
$8 + 9 = 9 + 8$	$2 \times 3 = 6$	$4 \times 3 = 3 \times 4$	$9 + 8 = 17$
$1 \times (2 \times 3) = (1 \times 2) \times 3$	$4 \times (7 + 8)$	$(4 + 5) + 6 = 4 + (5 + 6)$	$7 + 0 = 7$

2.

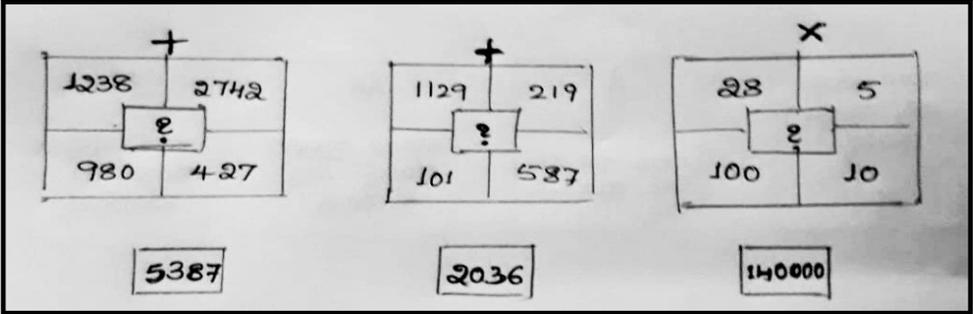
2. Apply basic

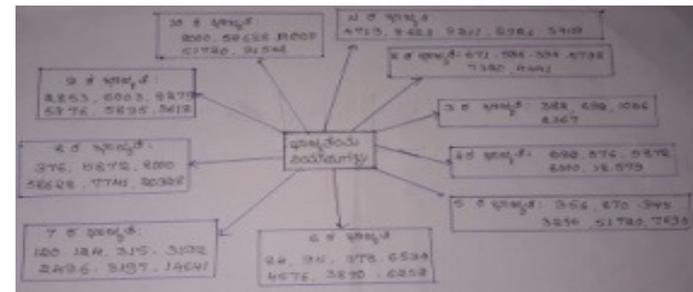
DAY-4

Basic functions

4.1: Game of flash cards

4.1: Let's make a prepare a flash card of 4-5 numerals and give each child 2Flash card and apply 4 basic functions to solve them.

	<p>functions including numbers and solves everyday problems.</p>	<p>including numbers.</p>	<p>4.2: Who am I?</p>	<p>4.2: Write the pictures in a drawing or A4 sheet as shown below. Make it more like this .. Make a flash card of the answers and put it in the blank... Let the kids figure out the correct answer card and place it in the question mark.</p> 
	<p>DAY-5: Understand the oral calculations and apply the required basic function</p>		<p>5.1: Compute and apply the appropriate basic functionality</p>	<p>5.1: Example 1: A merchant bought 400 watermelon for ₹ 2000. He sells them for ₹ 55 each. How much money did he get? Eg 2: Geetha's bank account amounted to ₹ 47,500. On Monday she deposited ₹21,000 into her account and then withdrew ₹15,300 from her account on Friday. How much money is left in Geetha's account at the end of the week? * Let us practice more using chart with further questions like these</p>



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