



BAL BHARATI PUBLIC SCHOOL PITAMPURA, DELHI - 110034

Detailed Curriculum

Class: IV

Subject: Mathematics

Month: April-May 2024-25

Month/ No. of teaching days	Topic/ Sub topics/ Teaching points	Learning Outcomes	Pedagogy	Technology	Instructional tools/ Virtual tour/ Flipped Learning/field trips	Project/ Activities/field trip/transdisciplinary Art Integration/ Connect with real life	Assignments	Assessment
April-May '24 Teaching days- 27 Life Skills: Write the population of any five states. Also write the same in words. Gender: Make a family chart. Count males and females. Discuss about their qualities. Health & Wellness: Find the number of health centers in your area. Value: Responsibility	TOPIC- Numbers Around Us SUB TOPICS- -Revision of 4digit numbers -Indian P.V system upto lakhs -Number names & numerals -Period, place,place value and face value -Expanded and Short form -Successor and Predecessor -Comparison and Ordering of numbers -Forming the greatest and smallest number TEACHING	Each student will be able to- -read and write atleast 4digit numbers to revise the concept done in the previous class. -recognize 5-6 digit numbers in the Indian P.V system. -read and write 5-6 digit numbers. -identify the period, place, place value and face value of 5-6 digit numbers. -expand the numbers. -find successor and predecessor of the numbers. -sort out and arrange the given numbers in ascending and descending order. -arrange the given	-Pair & share -Pair share square -Thumbs-up Thumbs-down -AMP - Wheel of names BINGO: Independent learning 1.The teacher and students will play TAMBOLA on the basis of number system like successor of 9 etc DICE LOTTO GAME: Pair/Square #Throw a dice 5-6	You tube links: https://youtu.be/vr8nBXDq34k?feature=shared https://youtu.be/7AdbMhnd1Hg?si=8mLhPtCgarUt716B Live worksheets: https://www.liveworksheets.com/w/en/math/151076	Tools: -VIRTUAL TOUR to any market/mall to observe the price tags of different items. -YOU TUBE VIDEOS explaining the Indian P.V System. https://youtu.be/vr8nBXDq34k?feature=shared -FIELD TRIP to school cricket field or any neighbourhood garden to estimate the number of leaves on trees and plants. -FLASH/ ARROW CARDS of places and place values. -NUMBER DICTATION -DIENES BLOCKS to understand place value -DICE GAME	Virtual tour: VIRTUAL TOUR to super market. https://youtu.be/H8lhHJwz0Z0?si=XuDw80xKjt7JMxQG Transdisciplinary- Theme-I Love My India. Find out the population of any 5 states and arrange them in ascending and descending order. Also find out the state with maximum and minimum population. AIL: -Create/draw a shopping complex with 5-6 shops. Decorate the shops with different ART FORMS like WARLI, MANDALA, DOODLE etc. Real life:	UNDERSTANDING #Number name of 8,40,668 _____ #Compare: 47980 _____ 47890 #Place Value o 4 in 2,45,289 _____ #Predecessor of 51000 _____ et c APPLYING: #Difference of place values of 4 in 34475 _____ #Difference of place value and face value of 8 in 246680 _____ #Product of an odd number and an even	PT-1 (20 marks) Objective type test after each topic. *Worksheets

	<p>POINTS-</p> <ul style="list-style-type: none"> --Revision of 4digit numbers -Indian P.V system upto lakhs -Number names & numerals -Period, place,place value and face value -Expanded and Short form -Successor and Predecessor -Comparison and Ordering of numbers -Forming the greatest and smallest number 	<p>digits to form the greatest and smallest numbers</p>	<p>times and form the greatest and smallest number. Different variations can be played like forming numbers of their choice and ordering them.</p> <p>ARROW CARDS :</p> <p>Pair/square</p> <p>They will read and write the numbers shown by the partner on arrow cards and vice versa.</p>		<p>-NUMBER CARDS</p> <ul style="list-style-type: none"> -Give the shop no's a 4 digit numbers. -Arrange them in ascending and descending orders. 	<p>-Making connect with large numbers in familiar contexts like</p> <ul style="list-style-type: none"> #Phone Numbers #Postal/Pin code #Observing a bank cheque and cheque number #A/C number #Observing any shopping bill and the money spent. <p>Flipped Learning: Before Starting the Class:</p> <p>Each child will read the newspaper and get a cutout of the news clipping with large numbers.</p> <p>To Start the Class:</p> <p>They will note down atleast 3 numbers(5-6 digit) and write them in words. Practice questions on the same will follow.</p> <ul style="list-style-type: none"> -They will arrange the numbers in ascending / descending order. -They will find their successor and predecessor. <p>Flipped Learning: Before Starting the Class:</p> <p>Children will be asked to observe the bank cheque and write any three features of it.</p>	<p>number is always an ____ number. Etc</p> <p>EVALUATING:</p> <ul style="list-style-type: none"> #Find out 1 added to the largest 4 digit number. #Find out 1 subtracted from the smallest 5-digit number. Etc <p>CREATING:</p> <ul style="list-style-type: none"> #Guess who am I ? I am a 4 digit number. I have 4 in my thousands place and 2 at hundreds place. I am a palindrome number too. #Form the greatest and smallest number using the digits : 7,5,0,3,9,1 etc. 	
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						<p>To start the class : #They will be asked to share information collected about the cheque in the class with other students. #They will be further taught to fill the cheque in figures as well as in words.</p> <p>PROJECTS: #Collect postal codes of 5-6 different states/cities across the globe. #Collect phone numbers of family and friends.</p>		
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