



# 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  <b>Life Skills:</b> Write the population of any five states. Also write the same in words.  <b>Gender:</b> Make a family chart. Count males and females. Discuss about their qualities.  <b>Health &amp; Wellness:</b> Find the number of health centers in your area.  <b>Value:</b> Responsibility	<b>TOPIC-</b> Numbers Around Us  <b>SUB TOPICS-</b> -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  <b>TEACHING</b>	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  <b>BINGO:</b> <b>Independent learning</b> 1.The teacher and students will play TAMBOLA on the basis of number system like successor of 9 etc  <b>DICE</b> <b>LOTTO GAME:</b> <b>Pair/Square</b> #Throw a dice 5-6	<b>You tube links:</b> <a href="https://youtu.be/vr8nBXDq34k?feature=shared">https://youtu.be/vr8nBXDq34k?feature=shared</a>  <a href="https://youtu.be/7AdbMhnd1Hg?si=8mLhPtCgarUt716B">https://youtu.be/7AdbMhnd1Hg?si=8mLhPtCgarUt716B</a>  Live worksheets: <a href="https://www.liveworksheets.com/w/en/math/151076">https://www.liveworksheets.com/w/en/math/151076</a>	<b>Tools:</b> -VIRTUAL TOUR to any market/mall to observe the price tags of different items. -YOU TUBE VIDEOS explaining the Indian P.V System. <a href="https://youtu.be/vr8nBXDq34k?feature=shared">https://youtu.be/vr8nBXDq34k?feature=shared</a>  -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	<b>Virtual tour:</b> VIRTUAL TOUR to super market. <a href="https://youtu.be/H8lhHJwz0Z0?si=XuDw80xKJt7JMxQG">https://youtu.be/H8lhHJwz0Z0?si=XuDw80xKJt7JMxQG</a>  <b>Transdisciplinary-</b> 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.  <b>AIL:</b> -Create/draw a shopping complex with 5-6 shops. Decorate the shops with different ART FORMS like WARLI, MANDALA, DOODLE etc. <b>Real life:</b>	<b>UNDERSTANDING</b> #Number name of 8,40,668 _____ #Compare: 47980 _____ 47890 #Place Value of 4 in 2,45,289 _____ #Predecessor of 51000 _____ et c  <b>APPLYING:</b> #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	<b>PT-1 (20 marks)</b>  Objective type test after each topic.  *Worksheets

	<p><b>POINTS-</b>  --Revision of 4digit numbers  -Indian P.V system upto lakhs  -Number names &amp; 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>	<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  :  <b>Pair/square</b>  They will read and write the numbers shown by the partner on arrow cards and vice versa.</p>		<p><b>-NUMBER CARDS</b>  -Give the shop no's a 4 digit numbers.  -Arrange them in ascending and descending orders.</p>	<p>-Making connect with large numbers infamiliar contexts like  #Phone Numbers  #Postal/Pin code  #Observing a bank cheque and cheque number  #A/C number  #Observing any shopping bill and the money spent.</p> <p><b>Flipped Learning:</b>  <b>Before Starting the Class:</b>  Each child will read the newspaper and get a cutout of the news clipping with large numbers.  <b>To Start the Class:</b>  They will note down atleast 3 numbers(5-6 digit) and write them in words. Practice questions on the same will follow.  -They will arrange the numbers in ascending / descending order.  -They will find their successor and predecessor.</p> <p><b>Flipped Learning:</b>  <b>Before Starting the Class:</b>  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><b>EVALUATING:</b>  #Find out 1 added to the largest 4 digit number.  #Find out 1 subtracted from the smallest 5-digit number. Etc</p> <p><b>CREATING:</b>  #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.</p>	
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