



DELHI PUBLIC SCHOOL RANIPUR, HARIDWAR

PRE – PRIMARY WING

SYLLABUS SESSION: 2026- 2027

CLASS: PREP SENIOR

SUBJECT: MATHS

SN	MONTH	TOPIC	SUB TOPIC	ACTIVITIES	EXPECTED LEARNING OUTCOMES
1	APRIL	PRE- NUMBER CONCEPTS	<ul style="list-style-type: none"> • Big/ Small • Tall/ Short • Thick/ Thin • Heavy/ Light • Long/ short • One/ Many • Same/Different • Left/ Right 	Compare and Say Activity Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Environmental Awareness • Language and Literacy • Fine Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Understand the different Pre number concepts. • Observe, compare and sort different objects based on their different properties. • Apply this knowledge in comparison of things they see around them in day-to-day life.
		NUMBERS 1 - 30	<ul style="list-style-type: none"> • Recognition • Counting • Writing • Number Operations ➤ Missing Numbers ➤ After Numbers ➤ Between Numbers 	Concrete–Pictorial– Abstract (CPA Method) - Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy 	The students will be able to: <ul style="list-style-type: none"> • Recognize and identify the numbers. • Count the objects and associate the quantity with the exact number. • Apply the knowledge to do various exercises based on numbers.
		DAYS OF THE WEEK		Today – Yesterday – Tomorrow Activity Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Language and Literacy 	The students will be able to: <ul style="list-style-type: none"> • Recognise and name each day of the week. • Understand the sequential order of days of the week. e.g Monday, Tuesday etc. • Enhance vocabulary associated with days like ‘today’, ‘tomorrow’, ‘yesterday’, ‘weekend’ etc.

2	MAY	SHAPES	<ul style="list-style-type: none"> • 2D Shapes • 3D Shapes 	Touch and Feel Mystery Bag (3D Shapes)/ Shape Sorting Baskets Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Environmental Awareness • Language and Literacy • Fine Motor Development • Spatial and Sensory Development 	The students will be able to: <ul style="list-style-type: none"> • Identify plane shapes like circle, square, rectangle, triangle, half circle, oval, diamond, star, heart etc. • Observe, compare and sort different objects based on their shapes. • Observe objects in their surroundings that look like cube, cuboid, sphere, cone and cylinder.
		NUMBERS 31 TO 50	<ul style="list-style-type: none"> • Recognition • Counting • Writing 	Magic Card Game Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy • Fine Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Recognize and identify the numbers in sequence as well at random. • Associate the number with the quantity. • Write numbers in Tens and Ones format. • Apply the knowledge to do various exercises based on numbers.
		MONTHS OF THE YEAR		Pass the Month Ball Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Language and Literacy 	The students will be able to: <ul style="list-style-type: none"> • Recognize & name each month of the year. • Understand and learn the correct order of the months of the year. • Understand the number of months in a year. Eg. 12 months in a year. • Relate the month with their birth month and other important occasion and festivals.
3	JULY	NUMBER NAMES	One to Ten	Paper Cup Activity Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy • Fine Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Read number names from one to ten. • Spell number names from one to ten. • Write number names.

		PATTERNS	<p>Patterns based on:</p> <ul style="list-style-type: none"> • Shapes • Colour • Size • Objects 	<p>Nature Pattern Activity</p> <p>Domain Covered:</p> <ul style="list-style-type: none"> • Cognitive Development • Environmental Awareness • Fine Motor Development • Spatial and Sensory Development 	<p>The students will be able to:</p> <ul style="list-style-type: none"> • Understand the meaning of repeating patterns. • Recognise patterns seen in day-to-day life. • Predict what should come next in the series to complete the pattern. • Complete the patterns of two / three objects as in ABAB, AABAAB, ABBA, AABB, ABCABC format.
		NUMBERS 51-70	<ul style="list-style-type: none"> • Identification • Counting • Writing • Number Operations <ul style="list-style-type: none"> ➤ Missing Numbers ➤ After Numbers • Between Numbers 	<p>Number Sandwich (Between Number)</p> <p>Domain Covered:</p> <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy • Fine Motor Development 	<p>The students will be able to:</p> <ul style="list-style-type: none"> • Identify numbers in sequence as well at random. • Write the number that comes after a given number. • Write the number that comes between any two given numbers. • Write the missing number or complete a series. • Associate the number with the correct quantity. • Write numbers in Tens and Ones format.
4	AUGUST	ORDINAL NUMBERS	First to Tenth	<p>Animal Train</p> <p>Domain Covered:</p> <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy • Fine Motor Development 	<p>The students will be able to:</p> <ul style="list-style-type: none"> • Understand the ordinal numbers as position numbers like first, second, third and so on. • Position the objects according to the numbers. • Use of ordinal numbers to mention the date, floor No, position in race etc.

		CALENDAR		Calendar Reading Activity Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Language and Literacy 	The students will be able to: <ul style="list-style-type: none"> • Read calendar to discover how many days are in each month and in a week. • Read the weekday that falls on a given date.
		TIME	Reading the Clock	Tick-Tock with Me! Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy • Fine Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Identify a clock as a measurement of time. • Identify the placement of numerals and hands on an analog clock. • Tell time in hours after identifying the hour and minute hand in an analog clock. • Write time in hours o after identifying the hour and minute hand in an analog clock. • State specific time for daily activities.
5	SEPTEMBER	Revision of concepts taught in Term I Written and Oral assessment			

6	OCTOBER	NUMBERS 81-90 91-100	<ul style="list-style-type: none"> • Identification • Counting • Writing • Number Operations ➤ Missing Numbers ➤ After Numbers ➤ Between Numbers 	Find the Missing Number (Activity Sheet) Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Fine Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Identify numbers in sequence as well at random. • Write the number that comes after a given number. • Write the number that comes between any two given numbers. • Write the missing number or complete a series. • Associate the number with the correct quantity. • Write numbers in Tens and Ones format.
		BEFORE NUMBERS (1-50)		Find the One Before Worksheet Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Memory development • Fine Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Understand the number sequence and relate the word ‘before’ to the number that comes just prior to the given number. • Understand and learn a new word ‘before’ and a phrase ‘what comes before’ using the number line.
		NUMBER NAMES	Eleven - Twenty	Match the Pair Activity Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Fine Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Read number names from eleven to twenty. • Spell number names from eleven to twenty. • Write number names.
7	NOVEMBER	NUMBERS IN SEQUENCE (1-20) <ul style="list-style-type: none"> • Smaller to Bigger • Bigger to Smaller 	Arranging objects and numbers in ascending order/ descending order	Human Number Line – Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Fine Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Understand the concept of arranging objects according to their sizes and quantities.

					<ul style="list-style-type: none"> • Understand the concept of greater numbers. • Recognize the smallest object and arrange the objects from smaller to greater sequence. • Compare objects based on size quantity and compare numbers. • Write numbers in the correct sequence.
		COMPARISON SIGNS	Numbers 1-50 <ul style="list-style-type: none"> • Greater than (>) • Less than (<) • Equal to (=) 	The Great Number Gulp Activity Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy • Fine Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Learn new words like greater than, smaller than and equal to along with respective symbols. • Learn to compare objects / numbers and use the symbols of greater than, less than and equal to. • Develop observation & comparison skills. • Develop problem solving skills.
		CONCEPT OF ONE MORE		Bunny Story Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language Development • Social Development • Gross Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Use the concept of After number and understand the concept of addition by including one more object to a given number of objects.

8	DECEMBER	SIMPLE ADDITION	Using objects and numbers	Floor Number Jump -. Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy • Gross Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Understand the concept of addition using objects/ pictures. • Understand that when objects are added to a given group of objects then the total number of objects increases. • Apply their knowledge in real life situations.
		FORMING GROUPS	Grouping by 2's, 3's and 5's	Group Busy Bees – Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy • Fine Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Group objects in sets of 2s, 3s, and 5s. • Understand the concept of equal grouping. • Apply grouping to solve simple real-life problems.
		BACKWARD COUNTING	50-1	Floor Number Jump – Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy • Gross Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Understand the meaning of reverse order counting backwards. • Understand the concept of reverse order on a number line. • Identify what comes before the given number. • Do exercises based on the reverse counting.
9	JANUARY	SIMPLE SUBTRACTION	Using objects and numbers	Take Away Crayons Activity Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy • Fine Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Take away objects to form a group of objects and understand that doing so decreases the number of objects in the given group. • Learn to use the symbol – to perform operation of subtraction with numbers. • Apply this knowledge in daily life.

		SKIP COUNTING	Skip Counting By 2	Frog Jump Counting Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy • Gross Motor Development 	The students will be able to: <ul style="list-style-type: none"> • Count forward and backward by 2s, accurately. • Recognize and extend number patterns formed through skip counting. • Improve number sense and fluency in mental math. • Develop a strong foundation for multiplication concepts.
		MONEY	Currency notes and coins	Visit to the Canteen Domain Covered: <ul style="list-style-type: none"> • Cognitive Development • Numeracy Skills • Language and Literacy • Gross Motor Development • Life Skill Development 	The students will be able to: <ul style="list-style-type: none"> • Understand that a price must be paid when something is purchased. • Identify the different denominations of Indian currency. • Recognise the symbol of Indian currency. • Use money to buy things for self under adult supervision.
10	FEBRUARY – MARCH	Revision of concepts taught in Term II Written and Oral assessment			

***MATHS BOOK:** *VIVA-VOLT UKG – NUMERACY 1 to 100*
VIVA-VOLT UKG – NUMERACY ACTIVITY BOOK