

KENDRIYA VIDYALAYA SANGATHAN (JABALPUR REGION)

CLASS II SPLIT UP SYLLABUS (2024-25)

SUBJECT: MATHEMATICS

TEXTBOOK: JOYFUL MATHEMATICS I

MONTH	TOPIC	KEY CONCEPTS/THEME	LEARNING OUTCOMES	NO. OF PERIODS
April	Vidyapravesh	Pre-mathematical concepts Awareness of surroundings. Sorting in two categories.	<ul style="list-style-type: none">• Makes the children familiar with the surroundings.• Develops awareness of themselves and feel good about who they are.• Inculcates in them the habit of school routine and get to know about the school environment.• Understands the concept of left and right.• Counts numbers and write their names.• Arranges numbers as per the given sequence.• Learns pre mathematical concepts which involve images.• Learns pre-mathematical concept while playing board games (snake & ladder)	20

May	Vidyapravesh	Pre-mathematical concepts Following the pattern Whole and Half	<ul style="list-style-type: none"> • Becomes involved learner and understands different shapes in surrounding. • Recognises the pattern in pictures, shapes, numbers, alphabets, colours. • Tells whole and half of the given object. • Compares the things as big and small. 	16
June/ July	Vidyapravesh	Pre-mathematical concepts Comparison Making groups Problem solving and reasoning Seriation Classification One to one correspondence Estimation	<ul style="list-style-type: none"> • Makes groups of the given objects based on their similarities. • Puts together things that have same characteristics. • Orders a set of objects according to some rule. • Matches objects, pairs objects, understands the meaning of “many and few”, “more than, less than”, “as many as”. • Estimates the length of the given objects. • Develops measuring skills and making estimates with the hand span, palm, fingers and foot. • Integrates math with day to day activities in addition the need for daily use of specific mathematical vocabulary. 	30
CYCLE TEST-I				

August	1. Finding the Furry Cat	Pre-number concepts	<ul style="list-style-type: none"> ● Identifies the spatial relationship of the things. ● Reads the words used for the different position of things. ● Relative vocabulary development inside/outside, bottom/top, above/below. ● talks about the animals that they see around them, like cats, dogs, cows etc. ● discusses when, where and why do we hoist the national flag. ● Shares the experiences of their train journey. ● Sorts the objects like seeds, leaves, beads, etc. 	8
	2. What is long? What is round?	Shapes and Spatial Understanding	<ul style="list-style-type: none"> ● Identifies the objects shown and compares with basic 3D shapes such as cone, cuboid, cube and sphere by their names. ● Classifies things as smooth and rough. ● Identifies edges, corners and faces of different 3D objects. ● Identifies things that roll, slide and both roll and slide. 	8
CYCLE TEST-II				

September	3. Mango Treat	Numbers 1 to 9 (Numbers and operations on numbers)	<ul style="list-style-type: none"> • Reads and writes numbers and number names • Vocabulary development (more/less) • Counts the numbers correctly. • Writes the numbers; “just before”, “in between” and “just after” Ascending/descending order. • Does forward and back counting. • Knows the value of Zero. 	8
	4. Making 10	Numbers 10 to 20 (Numbers and operations on numbers)	<ul style="list-style-type: none"> • Reads and writes numbers and number names up to 20 • Compares the numbers up to 20. • Forward/backward counting. • Identifies the biggest, smallest. • Writes numbers: missing numbers, “just after”, “just before”, “in between.” Ascending/descending order. • Learns the place and place value of the digits. • Reads and writes numbers in forward and backward order. 	12
CYCLE TEST-III				

October	5. How Many?	Addition and subtraction of single digit numbers (Numbers and operations on numbers)	<ul style="list-style-type: none"> • Learns the terms related to addition: add, join, altogether, total and plus (+) • Does additions with the help of pictures and numerically? • Constructs addition fact using pictures and numerically. • Counts the number from the bigger number in forward way. • Knows the value of Zero. • Develops problem solving ability by forward counting forward counting. • Learns the vocabulary: take away, remove, left, remaining and minus (-) • Does subtractions with the help of pictures and numerical. • Learns the value of Zero is nothing (NO) in Subtraction. • Subtracts two numbers without using concrete objects. 	15
	6. Vegetable Farm	Addition and subtraction upto 20 (Numbers and operations on numbers)	<ul style="list-style-type: none"> • Reads and writes numbers and number names up to 20 • Compares the numbers up to 20. • Does additions with the help of pictures and numerically? 	10

			<ul style="list-style-type: none"> • Constructs addition fact using pictures and numerically. • Counts the number from the bigger number in forward way. • Knows the value of Zero. • Develops problem solving ability by forward counting forward counting. • Learns the vocabulary: take away, remove, left, remaining and minus (-) • Does subtractions with the help of pictures and numerical. 	
CYCLE TEST-IV				
November	7. Lina's Family	Measurement	<ul style="list-style-type: none"> • Learns the terms long/short, tall/short, thick/thin, heavy/light, and differentiate and identify/represent them through pictures. • Understands the idea of length and distance. • Attempts to tell the length of the TV, table, book, mobile phone, length of the room with non-standard units such as fingers, handspan and foot-span. 	8

	8. Fun with Numbers	Numbers 21 to 99 (Numbers and operations on numbers)	<ul style="list-style-type: none"> • Reads and writes numbers and number names up to 99. • Compares the numbers up to 99. • Forward/backward counting. • Identifies the biggest, smallest. • Writes numbers: missing numbers, “just after”, “just before”, “in between.” • Learns the place and place value of the digits. • Reads and writes numbers in forward and backward order. 	16
CYCLE TEST-V				
December	9. Utsav	Patterns	<ul style="list-style-type: none"> • Identifies the pattern right from school to home. • Recognises the pattern in pictures, shapes, numbers, alphabets, colours and growing and decreasing patterns. • Understands the basic rule of creating a pattern and can extend the sequence. • Creates patterns of their own. 	8

	10. How do I spend my day?	Time	<ul style="list-style-type: none"> • Gets familiar with morning, noon, evening, night terms. • Attempts to tell the activities of the day in sequence, vocabulary and real – life experiences. • Differentiates shorter and longer duration of different activities performed by his family members and others. • Learns the week days and months of the year, seasons. 	8
CYCLE TEST-VI				
January	11. How many times?	Multiplication (Repeated addition) (Numbers and operations on numbers)	<ul style="list-style-type: none"> • Learns the place and place value of the digits. • Writes the numbers for the given collection(tens and ones) • Compares the numbers. • Identifies the biggest, smallest. • Expresses repeated addition as number of times. 	8

	12. How much can we spend?	Money (Mathematical Communication)	<ul style="list-style-type: none"> • Demonstrates use of numbers in identifying money. • Appreciates and uses the money in day-to-day buying and selling situations. • Attempts to make use of small amounts of money by using 3-4 play notes of different denominations in different ways. • Describes ways to find balance amount of a given amount after the purchase of given item. • Estimates/approximates the money obtained in balance in such buying situations 	8
CYCLE TEST-VII				
February	13. So Many Toys	Data handling	<ul style="list-style-type: none"> • Collects and records information in his/her own way. • Gives their own views on their recorded information and discuss with others. • Solves problems in their real-life situations related to data handling. 	8
CYCLE TEST-VIII				