

KIDS WORLD SCHOOL
SESSION - 2024 -25
ANNUAL CURRICULUM PLANNER
SUBJECT - MATHS
CLASS - V

MONTH	NAME OF THE LESSON	METHODOLOGY	LEARNING OBJECTIVES		LEARNING OUTCOMES	MODE OF ASSESSMENT + ACTIVITY
			KNOWLEDGE / CONTENT BASED	APPLICATION BASED		
JULY 01/07/2024 – 13/07/2024	Ch. 1 Place Value	<ul style="list-style-type: none"> • Discussion • Explanation • Forming number pattern • Write the number names using Indian and International system 	<ul style="list-style-type: none"> • Indian system of numeration • Rounding off numbers • Roman Numerals • International system of numeration • Roman numerals 	To reiterate the concept of place value of greater number.	Students are able to read and write Indian /International numbers They are able to represent any number in roman numbers	Assessment as learning INTERDISCIPLINARY (MATHS + SPORTS) Explaining the Odd & Even Numbers with game .
15/07/2024-31/07/2024	Ch. 2 Addition and Subtraction (WRITTEN)	<ul style="list-style-type: none"> • Explanation • Evaluation To estimate the sum and difference of given numbers	<ul style="list-style-type: none"> • Addition of large numbers • Subtraction of large numbers • Finding the cost price/ selling price • Story based sum 	To reiterate the concept of Profit and loss.	Students are able to solve addition and subtraction Appreciate the role of addition, subtraction	Assessment Of learning Types of questions <ul style="list-style-type: none"> •MCQs •Fill in the blanks •Find the sum. •Find the difference •Find the profit or loss. •Solve the following story sums. •Lab activity

AUGUST		<ul style="list-style-type: none"> • Evaluation • Explanation • Discussion • To analyze them 	<ul style="list-style-type: none"> • Multiplication of 5 - digit number • Multiplication by multiples of 10 , 100,1000 • Division • Average • Story sums 	To reiterate the concept of Multiplication by counting the meeting points	Students are able to Multiply and divide.	Assessment Of learning Types of questions.
01/08/2024 – 12/08/2024	Ch. 3 Multiplication and Division (WRITTEN)	<ul style="list-style-type: none"> • To analyze them about multiples of 10 , 100, 1000 			To find average of the given numbers	<ul style="list-style-type: none"> •Fill in the blanks. •Arrange the numbers in columns and multiply. •Divide and check the answers. •Find the average of the given numbers. •Solve the following story sums. •Lab activity
13/08/2024- 31/08/2024	Ch. 6 Fractions (SEA)	<ul style="list-style-type: none"> • Explanation • To make them apply with day today example 	<ul style="list-style-type: none"> • Equivalent fractions • Reducing a fraction to its lowest term • Comparing fraction • Adding like and unlike fraction • Finding LCM of the denominators • Adding mixed fraction • Subtracting like and mixed fraction • Multiplication of fractions • Division of fractions Reciprocal 	To reiterate the concept of Multiplication of fractions	Students are able to represent and identify equivalent fraction Able to solve Story sum based on fractions	Assessment For learning Types of Questions <ul style="list-style-type: none"> •Fill in the blanks. •Find the products. •Find the quotient. •Solve the story sums. •Lab activity

SEPTEMBER 02/09/2024 – 10/09/2024	Ch. 4 Factors (WRITTEN)	<ul style="list-style-type: none"> •Discussion •Explanation •To understand the concept of Factors •Game: Check the divisibility of numbers given 	<ul style="list-style-type: none"> •More about Factors •Common factors •Exploring Factors Rules Of divisibility •Prime and composite numbers •Co - prime •Prime Factorization 	To reiterate the concept of HCF with the help of checkerboard and counters	Students are able to identify Prime and composite numbers, understand the divisibility rules of numbers	Assessment Of learning Types of questions. <ul style="list-style-type: none"> •Fill in the blanks.(Divisible by-) •Find the factors of the given numbers. •Find the common factor of the given numbers and then find HCF. •Find if the numbers are co-prime. •Lab activity
11/09/2024- 17/09/2024	Ch. 5 Multiples (Competition)	<ul style="list-style-type: none"> •Discussion •Explanation •Find the LCM by using Prime factorization method and short Division method 	<ul style="list-style-type: none"> •LCM •To find LCM by short Division Method •Find LCM by using the Prime factorization method 	To reiterate the concept of LCM by using a number grid	Students are able to find LCM . Understand the concept of factorization	Assessment as learning Types of questions. <ul style="list-style-type: none"> •Write the multiple of given number •Find the LCM of numbers by prime factorization method. •Find the LCM of numbers by short division method •Lab activity
18/09/2024- 31/09/2024	Ch. 7 Decimals (Quiz)	<ul style="list-style-type: none"> •Explanation •Discussion •To add the decimal numbers on square grid 	<ul style="list-style-type: none"> • Equivalent decimals • Like and unlike • Comparison and ordering decimal • Addition and Subtraction of decimal 	To reiterate the concept of subtraction of unlike decimals	Students are able to learn about decimals and also to add and subtract them	Assessment for learning Types of questions. <ul style="list-style-type: none"> •Fill in the blanks. •Write two equivalent decimals for each of the following numbers. •Convert into like decimals. •Arrange the numbers in ascending and descending orders. •Add the following numbers. •Subtract the following numbers. •Solve the story sums . •Lab activity

REVISION OF EVALUATION- I EXAMINATION						
OCTOBER						
NOVEMBER 01/11/2024 – 09/11/2024	Ch. 8 More About Decimals (WRITTEN)	<ul style="list-style-type: none"> • Discussion • Explanation • Exploring the ideas of multiplication with decimals • How decimals can be handled while division with remainders 	<ul style="list-style-type: none"> • Decimal multiplication • Division of decimals • Division by 10,100,1000 • Remainders while dividing decimals • Multiplying and dividing by money Unitary method 	To reiterate the concept of multiplication of like decimals	Students will be able to understand the concept of multiplying decimals with whole numbers and decimals. They will multiply and divide decimals by 10, 100 and 1000	Assessment of learning Types of questions. <ul style="list-style-type: none"> • Find the product • Multiply the numbers • Divide • Find the quotient • Solve the story sums. • Lab activity
11/11/2024- 16/11/2024	Ch. 9 Shapes and Patterns	<ul style="list-style-type: none"> • Explanation • How symmetry line is to be drawn, meaning of symmetry • How to rotate the shapes • To create new patterns 	<ul style="list-style-type: none"> • Symmetry • Rotation • Half turn • Quarter turn • Creating patterns • Nets • Different ways to look at a shape 	To understand the concept of lines of symmetry	Students will be able to learn how shapes look after rotation by specific turn. They will recognize and draw the lines of symmetry for different figures.	Assessment As learning INTERDISCIPLINARY (MATHS +SPORTS) Uses of shapes and patterns in games.

18/11/2024 – 30/11/2024	Ch. 14 Mapping Skills (SEA)	<ul style="list-style-type: none"> • Discussion • Explanation • To enlarge the images and reducing it. 	<ul style="list-style-type: none"> • Maps • Scales • Enlarging and reducing • Keys in Maps • Direction in maps 	To understand the concept of map and scaling	<p>Students will be able to understand how to understand scaling, enlarging and reducing.</p> <p>They will be able to read maps and drive information.</p>	<p>Assessment As learning</p> <p>Types of questions.</p> <ul style="list-style-type: none"> •Enlarge and reduce the given shapes. •Read the map •Solve the story sums. •Lab activity
DECEMBER 02/12/2024 – 17/12/2024	Ch. 11. Measurement (WRITTEN)	<ul style="list-style-type: none"> • Explanation • Measure the distance time and length with the help of standard unit 	<ul style="list-style-type: none"> •Measurement of length •Measurement of mass •Measurement of capacity •Estimating measure •Speed, distance and time 	To compare the weights of different vegetables	<p>Students will be able to convert one unit of measurement to another</p> <p>They will understand the relationship between speed, distance and time</p>	<p>Assessment Of learning</p> <p>Type of questions.</p> <ul style="list-style-type: none"> •Fill in the blanks •Convert the following as directed. •Solve the story sums. •Circle the estimate that would work best for measuring each object •What will be the speed in the following cases ? •Lab activity
18/12/2024- 31/12/2024	Ch. 10 Geometry Basics (QUIZ)	<ul style="list-style-type: none"> •Explanation •To draw the angles and measure them. 	<ul style="list-style-type: none"> • Point, line , ray and line segment • Angle and its parts • Measuring different types of angles 	To make a degree clock to understand the concept of angles	<p>Students will be able to differentiate between line, rays, and line segment.</p> <p>Classify different types of angles using a protractor</p>	<p>Assessment For learning</p> <p>Types of questions.</p> <ul style="list-style-type: none"> • Identify the figures. • Measure the given angles. • Draw the missing arm of the angles on the protractors. • Identify the types of angles and write their names and vertices. • Lab activity

JANUARY 03/01/2025 – 16/01/2025	Ch. 12 Perimeter , Area and Volume (WRITTEN)	<ul style="list-style-type: none"> • Explanation • To find out area and perimeter of a triangle, square and rectangle • To find the volume of cube and cuboid 	<ul style="list-style-type: none"> •Perimeter and area •Area of a triangle •Volume of cube and cuboid 	To find the area of different shapes using Diagram puzzles.	Students will be able to solve sums mentally and correct errors related to perimeter and area. They will be able to find the perimeter and area of rectangle and square.	Assessment Of learning Types of question <ul style="list-style-type: none"> •Fill in the blanks . •Find the areas and volumes of the given shapes. •Count the unit cubes and find the volumes. •Lab activity
17/01/2025- 31/01/2025	Ch.15 Handling Data (GRAPH WORK)	<ul style="list-style-type: none"> •Explanation •Draw bar graph for the given data and choose proper scale 	<ul style="list-style-type: none"> •More about circle graphs •Tally marks •Reading and drawing line graph 	Survey activity	Students are able to understand the different graphs	Assessment For learning Types of questions. <ul style="list-style-type: none"> •Read the circle graph. •Draw tally marks to show each number. •Write the number shown by the tally marks. •Read the line graph
FEBRUARY 01/02/2025 – 28/02/2025	Ch. 13 Time and Temperature (COMPETITION)	<ul style="list-style-type: none"> •Explanation •To convert time in to day, day into week and week into months and months in to years •To carry out addition and subtraction of time 	<ul style="list-style-type: none"> •Converting time from one unit to another •Time addition and subtraction •Time elapsed •Finding the starting time and finishing time •Calculating days •Measurement of temperature 	To find an emerging pattern in a calendar	Students will be able to understand how to add and subtract time They will learn conversion of one unit to another	Assessment As learning Types of questions. <ul style="list-style-type: none"> •Convert hour into minutes •Convert minutes into hour •Convert seconds into minutes •Convert minutes into seconds •Add the given time •Subtract the given time •Write the temperature shown on thermometer •Solve the story sums. •Lab activity
MARCH	REVISION OF EVALUATION II EXAMINATION					

