

Vidya Pratishtan's
Dr. Cyrus Poonawalla School (CBSE), Baramati.
Annual Curriculum Planning -2022-23

Class- 5th

Sub- Mathematics

Topic	Month	Objective	Learning Outcomes	Activity	Teaching Aids	Assessment
Bridge Course	14	To recall some concepts from std. 4	Students will solve examples related to different concepts.	To make tringle rectangle, square	Paper	Make a chart of 7 digit and 8 digit numbers with place value
1. Place Value	April 10	To learn about <ul style="list-style-type: none"> • 7 digit, 8 digit numbers. • Comparing ,ordering nas • Inter nation Place Value System , /Roman Numbers. • Rounding off 	Student will learn <ul style="list-style-type: none"> • 7 digit, 8 digit numbers • Comparing, Ordering number • International Place Value System • Roman numbers • Rounding off 	To understand Place Value System and numbers	Pencil, /Paper	Make Chart of 7 digit and 8 digit numbers with place value
2. The Four Operations	June 17	<ul style="list-style-type: none"> • Addition, subtraction • Multiplication, Division • The four Operations together 	<ul style="list-style-type: none"> • Addition Subtraction • Multiplication, Division • The Four Operations together 	To write the multiplication table on chart	Pens, Chart	Take numbers from 1 to 30 and write multiplication table
3 Multiples and factors	June & July 15	<ul style="list-style-type: none"> • Understanding multiples & factors, divisibility rules • Prime & composite nos. • HCF, LCM, Relationship between them 	<ul style="list-style-type: none"> • Understanding multiples and factors divisibility rules. • Prime & composite numbers • Prime factorization • HCF, LCM, Relationship between them 	To understand Prime and Composite numbers	Paper, Pen	Worksheet.
4. Fractions	July10	<ul style="list-style-type: none"> • Types of fractions • Reducing a fraction • Comparing & Ordering • Addition, Substraction, Multiplication, Division of fractions 	<ul style="list-style-type: none"> • Types of fractions • Reducing a fraction • Comparing & Ordering • Addition, Substraction, Multiplication, Division of fractions 	To learn equivalent fractions	Paper, Pen Vedeos	Take papers of different colours and make equivalent fractions
5. Decimals	August25	<ul style="list-style-type: none"> • Types ,Tenths, Hundreds • Reading a decimals • Conversion ,expanding • Comparing, Ordering • Addition,Subtraction • Multiplication, Division 	<ul style="list-style-type: none"> • Types ,Tenths, Hundreds • Reading a decimals • Conversion ,expanding • Comparing, Ordering • Addition,Subtraction • Multiplication, Division 	To make a chart of decimals	Pen, notebook, Videos	Write decimals and place values,
6. Symmetry, Patterns and nets	August 20	<ul style="list-style-type: none"> • More than one line • Turning shapes • Turning shapes • Pattern, nets, 3D shapes 	<ul style="list-style-type: none"> • More than one line • Turning shapes • Turning shapes Pattern, nets, 3D shapes	To make beautiful patterns using matchsticks	Match tics, glue	Make a pattern using maticks
7. Percentage	September 20	<ul style="list-style-type: none"> • Conversion % to fractions to % • Decimals to % % to decimals • Story sums. 				Google form
8. Measurement	October 12	<ul style="list-style-type: none"> • Measurement of length, mass, capacity 	<ul style="list-style-type: none"> • Measurement of length, mass, capacity 	To use a measuring scale to measure to measure	Scale, Objects	Measure lengths of pen, compass box

		<ul style="list-style-type: none"> • Speed • Sums involving addition, Substation, Multiplication, division ,estimating measures 	<ul style="list-style-type: none"> • Speed • Sums involving addition, Substation, Multiplication, division ,estimating measures 	lengths of different objects.		
9. Area and Volume	October12	<ul style="list-style-type: none"> • Area of rectangle, square • Composite figures • finding area using half-squares. • Relationship between, Volume 	<ul style="list-style-type: none"> • Area of a rectangle, a square • Composite figures. • finding area using half-squares. • Area of irregular shape • Relationship between area & perimeter, Volume 	To make a cubical box and find its volume	Paper , Scale	Make a cube and find volume
10. Geometry	November	<ul style="list-style-type: none"> • Basic Geometric Shapes • Angles, measurement • Types of angles • Drawing angles with a protractor • Polygons, Circles 	<ul style="list-style-type: none"> • Basic Geometric Shapes • Angles, Measurement • Types of angles • Drawing angle with a protractor • Polygons, Circles 	To understand the concept of concentric circles	Paper, Pencil, Compass	Draw concentric Circles using compass.
11. Time and Temperature	December 12	<ul style="list-style-type: none"> • Units of time • Interchanging units • Addition, Subtraction • Story Sums • Finishing & Starting Time and date • Temperature 	<ul style="list-style-type: none"> • Units of time • Interchanging units • Addition, Subtraction • Story Sums • Finishing & starting and date Temperature. 	To measure the temperature of different objects in degree Celsius and degree fahrenheit	Thermometer hot water, ice	Measure temperature using thermometer
12. Money	January 7	<ul style="list-style-type: none"> • Cost price & selling price • Profit and loss • Finding SP & CP • Profit per cent & loss cent 	<ul style="list-style-type: none"> • Cost price & selling price • Profit and loss • Finding SP & CP • Profit per cent & loss cent 	To make a bill	Grocery list, pen, pencil	Worksheet.
13. Data Handling	January 7	<ul style="list-style-type: none"> • Drawing a bar graph • Representing data as circle graph • Drawing a line graph 	<ul style="list-style-type: none"> • Drawing a bar graph • Representing data as circle graph • Drawing a line graph 	To draw circle graph shows the activities chosen by the students	Compass, pencil, colours pens	Google form
14. Map Study	January 6	<ul style="list-style-type: none"> • Maps • Components of map • Online maps • Reading maps 	<ul style="list-style-type: none"> • Maps Components of map • Online map • Reading maps 	To make chart of components of a map	Colours, Pen, Chart	Worksheet
15.Algebra	February	<ul style="list-style-type: none"> • Introduction • Variable, constants • Algebraic expressions • Terms, Coefficient 	<ul style="list-style-type: none"> • Introduction • Various , constants • Algebraic expressions • Terms, Coefficient 	-	-	-