


Vidya Pratishtan's

Dr.Cyrus Poonawalla School(CBSE),Baramati.
Annual Curriculum Planning-2025-26


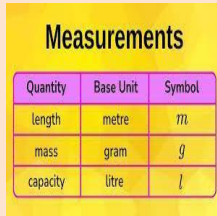
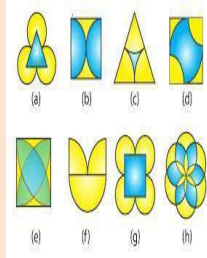
Class-V

Sub- Mathematics

Topic	Months	No. of Periods	21st Century Skills	Objective	Learning Outcomes	Activity	Teaching Aids	Assessment
<u>Bridge Course</u> Large numbers	April (12)	03	Problem solving	<ul style="list-style-type: none"> To learn the following To compare , form number revise even odd numbers. 	To understand the following <ul style="list-style-type: none"> To compare and form numbers. 	Use the given digits to form numbers.	Paper	Make a chart of 7 digit and 8 digit numbers with place value
Addition Subtraction		03	Problem solving Critical thinking	<ul style="list-style-type: none"> To learn the following To learn addition facts, addition by expansion. To learn subtraction , finding missing numbers. 	<ul style="list-style-type: none"> To understand the following To learn addition facts. To learn Subtraction 	Addition on abacus Subtraction with regrouping	Abacus, Blacks of ones, tens & hundreds	Worksheet
Multiplication Division		03	Problem solving Critical thinking	<ul style="list-style-type: none"> To learn the following Multiply a 3-digit number by 1 & 2 digit number Properties of multiplication. Division facts. 	<ul style="list-style-type: none"> To understand the following Multiply by expanding the bigger numbers. To understand division facts. 	To learn multiplication with marbles / pebbles / blocks	Multiplicati on table chart marbles	Worksheet, Google form
Factors and Multiples			Critical Thinking Experientia l learning	<ul style="list-style-type: none"> Understanding multiples & factors, divisibility rules HCF, LCM, 	<ul style="list-style-type: none"> Understanding multiples and factors divisibility rules. Evaluate the LCM by prime factorization 	<ul style="list-style-type: none"> To find factors and multiples To find the HCF of two numbers 	Paper, Pen	
1. More on Large Numbers 	April(12)	15	Initiative and self direction Problem solving	To learn about <ul style="list-style-type: none"> 7digit,8digit numbers. Comparing ,ordering numbers International Place Value System , /Roman Numbers. Rounding off 	Student will learn <ul style="list-style-type: none"> 7digit,8digit numbers Write the expanded form Comparing ,Ordering number International Place Value System Roman numbers Calculate the sum and difference of roman numerals Rounding off 	To understand Place Value System and numbers To compare large numbers using abacus	Pencil,/Pap er	Make Chart of 7 digit and 8 digit numbers with place value
2.Operations on large numbers	June (24)	18	Problem solving Creativity	<ul style="list-style-type: none"> Addition, subtraction Multiplication, Division The four Operations together 	<ul style="list-style-type: none"> Addition, Subtraction Multiplication, Division Solve word problem Calculate average of given numbers The Four Operations together 	To write the multiplication table on chart	Pens, Chart	Take numbers from 1 to 30 and write multiplication table

								
<p>3.Perimeter And Area</p> 	July(20)	12	<p>Experiential learning</p> <p>Collaboration</p>	<p>To understand the following</p> <ul style="list-style-type: none"> • Perimeter and area • Finding the area using half-squares • Estimate approximate areas of irregular shape • Evaluate the areas of triangles 	<ul style="list-style-type: none"> • Composite figures. • finding area using half-squares. • Area of irregular shape • Relationship between area & perimeter 	To make a cubical box and find its volume.	Paper, Scale	Make a cube and find volume
<p>4.Fractions</p> 		10	<p>Collaboration</p> <p>Experiential learning</p>	<ul style="list-style-type: none"> • Types of fractions • Reducing a fraction • Comparing & Ordering • Addition, Subtraction, Multiplication, Division of fractions 	<ul style="list-style-type: none"> • Types of fractions • Reducing a fraction • Comparing & Ordering • Addition and subtraction of like fractions • Multiplication, Division of fractions • Find the multiplicative inverse of a number 	To learn equivalent fractions	Paper, Pen, Videos	Take papers of different colours and make equivalent fractions
<p>5. Volume and Nets</p> 	August(24)	16	<p>Problem solving</p> <p>Creativity and innovation</p>	<ul style="list-style-type: none"> • Calculate the volume of cubes and cuboids • Find volume of solid figures • Construct nets of solid shapes • Draw cubes and cuboids on isometric dot grids 	<ul style="list-style-type: none"> • Students will be able to calculate volumes of solid shapes. • Construct nets • Draw cubes and cuboids on isometric dot grids. 	<p>To find the volume of different solids</p> <p>To draw the front view, side view and top view of different shapes.</p>	Blocks of cubes, pencil	Draw cubes and cuboids on isometric dot grids
<p>6.Geometry</p> 		10	<p>Art integrated learning</p> <p>Creativity and innovation</p>	<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 • Describe concept of angles • Classify different types of angles • Define parallel and perpendicular lines • Drawing angle with a protractor • Polygons, Circles 	<p>To understand the concept of concentric circles</p> <p>To construct angles using circular sheet of paper</p>	Paper, Pencil, Compass, Color pencils, Pair of scissors	Draw concentric circles using compass.
<p>7. Data Handling</p> 	September(16)	18	<p>Collaboration</p> <p>Experiential learning</p>	<ul style="list-style-type: none"> • Drawing a bar graph • Representing data as circle graph • Drawing a line graph • Pie chart 	<ul style="list-style-type: none"> • Drawing a bar graph • Representing data as circle graph • Drawing a line graph • Interpret data from a line graph • Interpret data from a pie chart • Represent data using tally marks 	<p>To draw circle graph shows the activities chosen by the students</p> <p>To learn and plot a line graph.</p>	Compass, pencil, colours pens	Google form, Worksheet

<p>8.Factors and Multiples</p> 	<p>October (12)</p>	<p>15</p>	<p>Critical Thinking Experiential learning</p>	<ul style="list-style-type: none"> Understanding multiples & factors, divisibility rules Prime & composite numbers. HCF, LCM, Relationship between them 	<ul style="list-style-type: none"> Understanding multiples and factors divisibility rules. Understand concept of prime & composite numbers Evaluate the LCM by prime factorization HCF, LCM, Relationship between them 	<p>To understand Prime and Composite numbers</p> <p>To find the HCF of two numbers</p>	<p>Paper, Pen</p>	<p>Worksheet.</p>
<p>9.Decimals</p> 	<p>November (25)</p>	<p>26</p>	<p>Critical thinking Problem solving</p>	<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"> Describe decimal numbers Convert fractions into decimals Convert decimals into fractions Compare and order decimals Reading a decimals Conversion, expanding Comparing, Ordering Addition, Subtraction Multiplication, Division 	<p>To make a chart of decimals</p> <p>To find sum, difference, product of decimal numbers</p>	<p>Pen, notebook, Videos</p>	<p>Write decimals and place values,</p>
<p>10. Time and Temperature</p> 	<p>December (20)</p>	<p>09</p>	<p>Experiential learning Critical thinking</p>	<ul style="list-style-type: none"> Units of time Story Sums Finishing & Starting Time and date Interchanging units Addition, Subtraction Temperature 	<p>Units of time</p> <ul style="list-style-type: none"> Interchanging units Addition ,Subtraction Story Sums Finishing & starting and date Temperature. 	<p>To measure the temperature of different objects in degree Celsius and degree Fahrenheit</p>	<p>Thermometer hot water, ice</p>	<p>Measure temperature using thermometer</p>
<p>11.Life Mathematics</p> 	<p>December (20)</p>	<p>14</p>	<p>Problem solving Experiential learning</p>	<ul style="list-style-type: none"> Cost price & selling price Profit and loss Finding SP & CP Profit percent & loss percent 	<ul style="list-style-type: none"> Define the term Cost price & selling price Apply unitary method in everyday calculations Profit and loss Finding SP & CP Profit percent & loss percent 	<p>To make a bill</p>	<p>Grocery list, pen, pencil</p>	<p>Worksheet.</p> <p>To understand the concept of profit and loss Worksheet</p> <p>Google form</p> <p>To learn and plot a line graph.</p>

<p>12.Scales and Direction</p> 	January(13)	23	Creativity and innovation	<ul style="list-style-type: none"> • Maps • Components of map • Online maps • Reading map • Classify direction • Route maps 	<ul style="list-style-type: none"> • Maps Components of map • Online map • Reading maps • Draw route maps • Classify the direction South, north, east, west 	To make chart of components of a map	Colours , Pen, Chart	Worksheet Google form
<p>13.Measurements</p> 	January (10)/February(23)	18	Art integrated learning Creativity and innovation	<ul style="list-style-type: none"> • Measurement of length, mass, capacity • Sums involving addition, Substition, Multiplication division, estimating measures 	<ul style="list-style-type: none"> • Sums involving addition, Substition, Multiplication, division ,estimating measures 	To use a measuring scale to measure to measure lengths of different objects.	lengths of different objects.	Measure lengths of pen, compass box
<p>14.Patterns and Symmetry</p> 		12	Problem solving Critical thinking Experiential learning	<ul style="list-style-type: none"> • Identify symmetric figures and lines of symmetry • Turning shapes • Patterns 	<ul style="list-style-type: none"> • Recognize different types of patterns in numbers • Turning shapes • Complete patterns • Draw a figure according to turn 	To make beautiful patterns using matchsticks	Matchsticks, glue	Make a pattern using matchsticks
The Second Terminal Examination								

Subject Teachers

- VA - Madhuri M.
- VB - Shilpa G.
- VC - Reshma L.
- VD - Pallavi G.

Moderator:

Principal