

# VIDYA PRATISHTHAN'S NEW BAL VIKAS MANDIR, PIMPLI- BARAMATI

## Annual Curriculum Plan (2023-24)

Std: VI A, B & C

### Mathematics

Month	Topic	Learning Outcomes	Subject Enrichment Activity
April	<b>Chapter No. 1</b> Knowing Our Numbers	The students will be able to: i. Write the names of given numbers as per the Indian as well as International System of Numeration. ii. Estimate the given values.	
June	<b>Chapter No. 2</b> Whole Numbers	The students will be able to: i. Understand the addition of Whole Numbers. ii. Represent whole numbers on the number line.	
July	<b>Chapter No. 3</b> Playing with Numbers	<b>The students will be able to:</b> i. Find out the factors and multiples of the given numbers. ii. Identify the prime and composite numbers from 1 to 100. iii. Solve the sums by using the divisibility tests. iv. Find the Highest Common Factor and the Lowest Common Multiple. v. Applies HCF or LCM in some situations.	Students will find the HCF of two given numbers by paper cutting and pasting.

**Internal Assessment: June**

**First Unit Test : July**

<b>August</b>	<b>Chapter No. 4</b> Basic Geometrical Ideas	The students will be able to: i. Understand the basic geometrical ideas i.e. Point, Linesegment, Line, Intersecting lines, Parallel lines etc. ii. Describe geometrical ideas like line, line segment, angle etc. with the help of examples in the surroundings.	Students will make a 'Geometric man' using colour papers and label its parts.
	<b>Chapter No. 6</b> Integers	The students will be able to: i. Represent different integers on a number line. ii. Perform the addition and subtraction of integers with the help of a number line.	Students will learn to add or subtract the integers on number line made by using counters.
<b>September</b>	<b>Chapter No. 5</b> Understanding Elementary Shapes	The students will be able to: i. Measure the line segments. ii. Identify and measure the different types of angles . iii. Identify the different types of triangles and quadrilaterals.	Students will learn to make a net of Tetrahedron.

**Internal Assessment: September**

**First Terminal Examination : September**

October	<p><b>Chapter No. 7</b> Fractions</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>i. Represent different fractions on the number line.</li> <li>ii. Write a fraction that is equivalent to another fraction and change improper fractions to mixed fractions.</li> <li>iii. Compare like and unlike fractions.</li> <li>iv. Able to solve addition and subtraction of fractions with different denominators.</li> <li>v. Uses fractions in different situations. For example, 7 1/2 metres of cloth.</li> </ul>	
November	<p><b>Chapter No. 8</b> Decimals</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>i. Addition and subtraction of numbers with decimals.</li> <li>ii. Use decimals in different situations. For example, distances between two places is 112.5 Km etc</li> </ul>	
December	<p><b>Chapter No. 9</b> Data Handling</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>i. Organise the data</li> <li>ii. Interpretation of a pictograph</li> </ul>	
		<b>Second Unit Test : First week of January</b>	
January	<p><b>Chapter No. 10</b> Mensuration</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>i. Use the formulae to find the perimeter of different objects like pencil box, notebook, floor of the class room etc.</li> <li>ii. Use the formulae to find the area of closed figure.</li> </ul>	<p>Students will learn to show that shapes having equal areas may or may not have equal perimeters.</p>
	<p><b>Chapter No. 11</b> Algebra</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>i. Understand the idea of variable.</li> <li>ii. Solve the expressions with variable.</li> </ul>	<p>Students will observe the matchstick patterns and find the rule.</p>

<b>February</b>	<b>Chapter No. 12</b> Ratio and Proportion	The students will be able to: i. Compare the quantities in terms of ratio and proportion e.g. the ratio of girls to boys in the classroom. ii. Use the unitary method to find the value of a one unit and then the value of required number of units.	
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**Internal Assessment: February** -

**Second Terminal Examination : First week of March**