

**First Term Curriculum**  
**Session – 2022-23**  
**Subject- Mathematics**  
**Class –VI**

Month	FEB/MARCH	APRIL	MAY	JUN E
<b>Concepts</b>	<b>Ch.1</b> Knowing Our Numbers <b>Ch.2</b> Playing with numbers	<b>Ch.3</b> Whole numbers <b>Ch.4</b> Integers	<b>Ch.5</b> Fractions <b>Ch.6</b> Decimals	<b>Ch.7</b> Introduction to Algebra <b>Ch.15</b> Data Handling
<b>Learning Outcomes</b>	<b>Students will be able</b> <ul style="list-style-type: none"> <li>To recall Indian and International systems of numeration</li> <li>To compare and estimate numbers</li> <li>To read and write Roman numerals</li> <li>To learn about the BODMAS Rule</li> <li>To find multiples and factors</li> <li>To apply the rules of divisibility</li> <li>To find HCF and LCM of the given number pairs</li> </ul>	<b>Students will be able</b> <ul style="list-style-type: none"> <li>To understand the properties of whole numbers</li> <li>To understand patterns in whole numbers</li> <li>To understand integers and ordering of integers</li> <li>To perform the arithmetic operations with (addition and subtraction) integers</li> </ul>	<b>Students will be able</b> <ul style="list-style-type: none"> <li>To represent fractions on the number line</li> <li>To classify the fractions</li> <li>To compare and reduce fractions to their lowest term</li> <li>To add and subtract fractions</li> <li>To represent decimals on the number line</li> <li>To compare decimals</li> <li>To add and subtract decimals</li> </ul>	<b>Students will be able</b> <ul style="list-style-type: none"> <li>To understand algebraic terms</li> <li>To express common rules of geometry and arithmetic using variables</li> <li>To organize data using tally marks</li> </ul>
<b>Skills</b>	Understanding/ Knowledge/ Application	Understanding/ Knowledge/ Application/ Analysis/ Synthesis/ Creativity	Understanding/ Knowledge/ Application/ Analysis/ Synthesis/ Creativity	Understanding/ Knowledge/ Application/ Analysis/ Synthesis/ Evaluation
<b>Activities</b>	<b>Competency-skills based activity/ Experiential learning activity:</b> <ul style="list-style-type: none"> <li>Fun with Number Grid (Lab Manual)</li> <li>Check the LCM and HCF(Lab Manual)</li> </ul>	<b>Competency-skills based activity/ Experiential learning activity:</b> <ul style="list-style-type: none"> <li>Verifying the Commutative property( Lab Manual)</li> <li>Verifying the addition and subtraction of integers(Lab Manual)</li> </ul>	<b>Competency-skills based activity/ Experiential learning activity:</b> <ul style="list-style-type: none"> <li>Fractions Board Game(Lab manual)</li> <li>Verifying the arithmetic operations with decimals(Lab Manual)</li> </ul>	<b>Competency-skills based activity/ Experiential learning activity:</b> <ul style="list-style-type: none"> <li>Algebra in daily life</li> <li>Art Integrated Project</li> <li>Wild Vegetation Survey</li> </ul>

<b>Assessments</b>	<ul style="list-style-type: none"> <li>Quiz/Questionnaire</li> <li>CW/ HW/ Subject Assignments</li> <li>Period Test</li> <li>Notebook maintenance</li> </ul> <b>Main Book: ' I Did It' Mathematics</b>
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**Final Term Curriculum**  
**Session – 2022-23**  
**Subject- Mathematics**  
**Class –VI**

	<b>JULY/AUGUST</b>	<b>SEPTEMBER</b>	<b>OCTOBER</b>	<b>NOVEMBER</b>
<b>Concepts</b>	<b>Ch. 8</b> Algebraic Equations  <b>Ch.9</b> Basic Geometrical Ideas  <b>Ch.10</b> Understanding Elementary Shapes (2D and 3D)	<b>Ch.11 Symmetry</b>  <b>Ch.12</b> Constructions	<b>Ch.13</b> Perimeter and Area  <b>Ch.14</b> Comparing Quantities	<b>Ch.14</b> Comparing Quantities( <b>Contd.</b> )  <b>Ch.15</b> Data Handling ( <b>Contd.</b> )
<b>Learning Outcomes</b>	<b>Students will be able</b> <ul style="list-style-type: none"> <li>To solve algebraic equations</li> <li>To solve algebraic equations</li> <li>To recall the concept of Point, Ray, Line and Line segment</li> <li>To understand the concept of polygons and angles</li> <li>To understand the properties of Triangle and quadrilaterals</li> <li>To learn and identify different parts of a circle</li> <li>To measure and compare line segments</li> <li>To measure angles and types of angles</li> <li>To classify quadrilaterals and polygons</li> <li>To identify 3D shapes</li> </ul>	<b>Students will be able</b> <ul style="list-style-type: none"> <li>To classify figures based on the lines of symmetry</li> <li>To learn about symmetry in English alphabets and geometrical figures</li> <li>To recall geometric tools and their uses</li> <li>To construct line segments ,circles and angles</li> <li>To construct bisectors and perpendiculars</li> </ul>	<b>Students will be able</b> <ul style="list-style-type: none"> <li>To find the perimeter of a square, a rectangle and a triangle</li> <li>To find the areas of regular and irregular figures</li> <li>To solve ratio and proportion</li> </ul>	<b>Students will be able</b> <ul style="list-style-type: none"> <li>To solve sums using the unitary method</li> <li>To read and draw pictographs and bar graphs</li> </ul>
<b>Skills</b>	Understanding/ Knowledge/ Application/ Analysis/ Synthesis/ Evaluation	Understanding/ Knowledge/ Application/ Analysis/ Synthesis/ Evaluation/ Creativity	Understanding/ Knowledge/ Application/ Analysis/ Synthesis/ Evaluation	Understanding/ Knowledge/ Application/ Analysis/ Synthesis/ Evaluation
<b>Activities</b>	<b>Competency-skills based activity/ Experiential learning activity:</b> <ul style="list-style-type: none"> <li>Algebra in daily life</li> <li>Representation of different angles(Lab Manual)</li> <li>Verification of value of <math>\pi=22/7</math></li> </ul>	<b>Competency-skills based activity/ Experiential learning activity:</b> <ul style="list-style-type: none"> <li>Formation of patterns(Lab Manual)</li> <li>Hand made Protractor</li> </ul>	<b>Competency-skills based activity/ Experiential learning activity:</b> <ul style="list-style-type: none"> <li>Fun with Grid columns</li> </ul>	<b>Competency-skills based activity/ Experiential learning activity:</b> <ul style="list-style-type: none"> <li>Find Equivalent Ratios (Lab Manual)</li> <li>Art Integrated Project Wild Vegetation Survey</li> </ul>
<b>Assessments</b>	<ul style="list-style-type: none"> <li>Quiz/Questionnaire</li> <li>CW/ HW/ Subject Assignments</li> <li>Period Test</li> <li>Notebook maintenance</li> </ul> <p><b>Main Book: ' I Did It' Mathematics</b></p>			