



# DEPARTMENT OF MATHEMATICS

## SYLLABUS BREAK-UP FOR CLASS V

### 2026-2027

**TEXTBOOK: NEW MATHS TIME – ORIENT BLACK SWAN**

#### **APRIL 2026:**

<b>WEEK 1 6-9</b>	<b>WEEK 2 12-16</b>	<b>WEEK 3 19-23</b>	<b>WEEK 4 26-30</b>
<b>Bridge Course</b>  <b>CHAPTER-1: Large Numbers</b> <ul style="list-style-type: none"><li>• Place Value Chart for 7-digit numbers in the Indian System</li><li>• Reading and writing 7-digit numbers</li><li>• Expanded form.</li></ul>	<ul style="list-style-type: none"><li>• Comparing and ordering Numbers</li><li>• Number before and after.</li><li>• Building numbers.</li><li>• Place Value Chart in the International System.</li><li>• Reading and writing numbers in the International System</li></ul>	<ul style="list-style-type: none"><li>• Rounding Numbers - nearest 10, 100, 1000.</li><li>• Worksheets</li></ul>	<b>CHAPTER-2 Addition, Subtraction and Their Applications</b> <ul style="list-style-type: none"><li>• Addition and Subtraction of 5, 6-digit numbers</li><li>• Application of Addition and Subtraction</li></ul>

**May 2026:**

<b>WEEK 1 3-7</b>	<b>WEEK 2 10-14</b>	<b>WEEK 3 17-21</b>	<b>WEEK 4 24-25</b>
<ul style="list-style-type: none"><li>• Profit and Loss</li><li>• Worksheets</li><li>• Activity</li></ul>	<ul style="list-style-type: none"><li>• <b>Revision for the Pre-Midterm Exam</b></li></ul> <p><b>CHAPTER 3: Multiplication, Division and Their Applications-</b></p> <ul style="list-style-type: none"><li>• Multiplying by a 2-digit number.</li><li>• Multiplying by a 3-digit number.</li></ul>	<ul style="list-style-type: none"><li>• Dividing by a 2-digit number</li><li>• Application of multiplication and division.</li><li>• Worksheets</li></ul>	<ul style="list-style-type: none"><li>• Worksheets</li></ul>

## JULY 2026:

<b>WEEK 1 19-23</b>	<b>WEEK 26-30</b>
<b>CHAPTER 7: Symmetry, Patterns and Nets</b> <ul style="list-style-type: none"><li>• Symmetry and reflection</li><li>• line of symmetry</li><li>• Turning shapes-</li><li>• Half-turn and quarter-turn</li></ul>	<ul style="list-style-type: none"><li>• Patterns</li><li>• Creating patterns by turning shapes</li><li>• Nets</li><li>• Worksheets</li></ul>

## AUGUST 2026:

<b>WEEK 1 2-6</b>	<b>WEEK 2 9-13</b>	<b>WEEK 3 16-20</b>	<b>WEEK 4 23-27 and 30-31</b>
<b>CHAPTER-4 Factors and Multiples</b> <ul style="list-style-type: none"><li>• Properties of factors and multiples</li><li>• Rules of divisibility by 2,3,4,5,6,10</li><li>• Prime and Composite numbers</li></ul>	<ul style="list-style-type: none"><li>• Prime Factorisation</li><li>• HCF by Listing Factors</li><li>• HCF by Prime Factorisation</li></ul>	<ul style="list-style-type: none"><li>• LCM by Listing Method and Number Line</li><li>• Worksheets</li> <li>• Activity</li></ul>	<b>CHAPTER-8 Geometry</b> <ul style="list-style-type: none"><li>• Parts of an angle</li><li>• Types of angles</li><li>• Measuring angles using a Protractor</li></ul>

## SEPTEMBER 2026:

<b>WEEK 1 1-3</b>	<b>WEEK 2 6-10</b>	<b>WEEKS 3 and 4 13-24</b>	<b>WEEK 5 27-30</b>
Worksheets	<ul style="list-style-type: none"><li>• <b>Revision for Midterm Exam</b></li></ul>	<b>Midterm Exam</b>	<b>CHAPTER-5: Fractions</b> <ul style="list-style-type: none"><li>• Types of Fractions</li><li>• Changing an Improper fraction to a mixed fraction and vice versa</li></ul>

## OCTOBER 2026:

<b>WEEK 1 1 and 4-8</b>	<b>WEEK 2 11-15</b>	<b>WEEK 3 18-22</b>	<b>WEEK 4 25-29</b>
<ul style="list-style-type: none"><li>• Equivalent fractions</li><li>• Fractions in the lowest terms</li></ul>	<ul style="list-style-type: none"><li>• Comparing unlike fractions without LCM</li><li>• Addition and subtraction of unlike fractions</li></ul>	<ul style="list-style-type: none"><li>• Word Problems based on the addition and subtraction of fractions</li></ul>	<ul style="list-style-type: none"><li>• Worksheets</li><li>• Activity</li></ul>

## NOVEMBER 2026:

<b>WEEK 1 1-5</b>	<b>WEEK 2 8-12</b>	<b>WEEK 3 15-19</b>	<b>WEEK 4 22-26 and 29-30</b>
<b>CHAPTER-6: Decimal Numbers</b> <ul style="list-style-type: none"><li>• Concepts of Tenths, Hundredths, and Thousandths</li><li>• Place value chart</li></ul>	<b>Decimals contd.</b>	<b>Revision for Post Midterm Exam</b> <ul style="list-style-type: none"><li>• Standard Form and Expanded Form</li><li>• Equivalent Decimals</li><li>• Like and unlike decimals</li></ul> <b>Post Midterm Exam</b>	<ul style="list-style-type: none"><li>• Comparing decimals</li><li>• Addition and Subtraction of Decimals</li><li>• Applications of decimals</li></ul>

## DECEMBER 2026:

<b>WEEK 1 1-3</b>	<b>WEEK 2 6-10</b>	<b>WEEK 3 13-17</b>	<b>WEEK 4 20-31</b>
<ul style="list-style-type: none"><li>• Multiplication and Division of decimals by 10,100, and 1000</li><li>• Worksheets</li></ul>	<b>CHAPTER-13: Graphs</b> <ul style="list-style-type: none"><li>• Tally Marks</li><li>• Bar Graph</li><li>• Circle Graph</li></ul>	<ul style="list-style-type: none"><li>• Line Graph</li><li>• Worksheets</li></ul>	<b>WINTER BREAK</b>

## JANUARY 2027:

<b>WEEK 1 4-7</b>	<b>WEEK 2 10-14</b>	<b>WEEK 3 17-21</b>	<b>WEEK 4 24-28 and 31</b>
<b>CHAPTER 9 Measurements</b> <ul style="list-style-type: none"><li>• Recall</li><li>• Measurements of length</li><li>• Units of length</li></ul>	<ul style="list-style-type: none"><li>• Conversion of Units</li><li>• Application</li><li>• Measurements of mass</li></ul>	<ul style="list-style-type: none"><li>• Conversion of units of mass</li><li>• Application</li></ul>	<ul style="list-style-type: none"><li>• Measurements of Capacity</li><li>• Conversion of units</li></ul> Worksheets and class test

## FEBRUARY 2027:

<b>WEEK 1 1-4</b>	<b>WEEK 2 7-11</b>	<b>WEEK 3 14-18</b>	<b>WEEK 4 21-25</b>
<b>CHAPTER-10: Perimeter, Area and Volume</b> <ul style="list-style-type: none"><li>• Finding the perimeter by adding all sides</li><li>• Finding the Perimeter by using the formula</li></ul>	<ul style="list-style-type: none"><li>• Finding Area by counting squares.</li><li>• Finding Area by using the formula</li><li>•</li><li>• Finding Volume by Counting Cubes</li></ul>	<ul style="list-style-type: none"><li>• Worksheets</li></ul>	<b>Revision</b>