



# DEPARTMENT OF MATHEMATICS

## SYLLABUS BREAK-UP FOR CLASS IV

### 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:</b>  <b>Large Numbers</b> <ul style="list-style-type: none"><li>• Reading and writing 5-digit and 6-digit numbers.</li></ul>	<ul style="list-style-type: none"><li>• Place Value and Face Value</li><li>• Expanded Form and Standard Form</li><li>• Comparing numbers</li><li>• Ascending and Descending order</li><li>• Building numbers</li><li>• Rounding numbers</li></ul>	<ul style="list-style-type: none"><li>• Roman numbers 1 to 20</li><li>• Worksheets</li></ul>	<b>Chapter-2: Addition and Subtraction</b> <ul style="list-style-type: none"><li>• Addition of 4, 5-digit numbers without and with regrouping.</li><li>• Subtraction of 4-digit and 5-digit numbers</li><li>• Subtraction with zeros</li></ul>

**May 2026:**

<p><b>WEEK 1</b> <b>3-7</b></p>	<p><b>WEEK 2</b> <b>10-14</b></p>	<p><b>WEEK 3</b> <b>17-21</b></p>	<p><b>WEEK 4</b> <b>24-25</b></p>
<ul style="list-style-type: none"> <li>• Checking subtraction by adding.</li> <li>• Story sums Addition and Subtraction</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</b></p> <p><b>Multiplication</b></p> <ul style="list-style-type: none"> <li>• Properties of Multiplication</li> <li>• Multiplying by 10, 100, 1000</li> <li>• Multiplication of a 3-digit number by a 1-digit number</li> </ul>	<ul style="list-style-type: none"> <li>• Multiplication of a 3-digit number by a 1 and 2-digit number</li> <li>• Multiplication of a 4-digit number by a 1-digit number</li> <li>• Application of multiplication</li> <li>• Worksheets</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheets</li>    <li>Activity</li> </ul>

## JULY 2026:

<b>WEEK 1 19-23</b>	<b>WEEK 26-30</b>
<b>Chapter-7: Symmetry and Patterns</b> <ul style="list-style-type: none"><li>• Patterns in real life</li> <li>• Reflections; Symmetry and Reflection Symmetry, Patterns</li></ul>	<ul style="list-style-type: none"><li>• Tessellations</li><li>• Using patterns to make code.</li><li>• Activity and Evaluation</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: Division</b> <ul style="list-style-type: none"><li>• Recall</li><li>• Properties of Division</li><li>• Division of 3-digit numbers by 1-digit numbers</li></ul>	<ul style="list-style-type: none"><li>• Divide and check</li><li>• Division of a 4-digit number by a 1-digit number</li><li>• Dividing by 10,100,1000</li><li>• Dividing by a two-digit divisor</li></ul>	<ul style="list-style-type: none"><li>• Dividing by a two-digit divisor</li><li>• Applying Division</li></ul>	<ul style="list-style-type: none"><li>• Applying Division</li> <li>• Worksheets</li></ul>

## SEPTEMBER 2026:

WEEK 1 1-3	WEEK 2 6-10	WEEKS 3 and 4 13-24	WEEK 5 27-30
<ul style="list-style-type: none"> <li>Activity</li> </ul>	<ul style="list-style-type: none"> <li><b>Revision for Midterm Exam</b></li> </ul>	<p><b>Midterm Exam</b></p>	<p><b>Chapter – 6:</b></p> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>Geometry in real life</li> <li>Concepts in Geometry- Line, Line Segments and Ray</li> </ul>

## OCTOBER 2026:

WEEK 1 1 and 4-8	WEEK 2 11-15	WEEK 3 18-22	WEEK 4 25-29
<ul style="list-style-type: none"> <li>Measuring and drawing line segments</li> <li>Closed figures and Open figures.</li> <li><b>Circles</b></li> <li>Parts of a circle</li> <li>Relation between Radius and Diameter of a Circle</li> </ul>	<ul style="list-style-type: none"> <li>Worksheets</li> <li>Activity</li> </ul> <p><b>Chapter 5: Multiples and Factors</b></p> <p><b>Multiples</b></p> <ul style="list-style-type: none"> <li>Properties of Multiples</li> </ul>	<ul style="list-style-type: none"> <li>Finding multiples of a number</li> <li>Common Multiples</li> <li>Rules of Divisibility</li> </ul>	<p><b>Factors</b></p> <ul style="list-style-type: none"> <li>Properties of Factors</li> <li>Finding Factors -By Multiplication  -By Division</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>
<ul style="list-style-type: none"><li>• Finding Common Factors</li><li>• Factor Tree</li><li>• Worksheets</li><li>• Activity</li></ul>	<b>Revision</b>	<b>Revision for Post Midterm Exam</b> <b>Chapter 8: Fractions</b> <ul style="list-style-type: none"><li>• Recall</li><li>• Fraction of a collection</li></ul> <b>Post Midterm Exam</b>	<ul style="list-style-type: none"><li>• Equivalent Fractions</li><li>• Like and unlike fractions</li><li>• Comparing and ordering fractions</li><li>• Adding and subtracting like fractions</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>• Adding and subtracting like fractions</li><li>• Proper and Improper Fractions</li><li>• Converting an Improper fraction to a Mixed number and vice versa</li></ul>	<ul style="list-style-type: none"><li>• Converting an Improper fraction to a Mixed number and vice versa</li><li>• Worksheets</li><li>• Activity</li></ul>	<b>Chapter 14- Handling Data</b> <ul style="list-style-type: none"><li>• Recall</li><li>• Pictograph</li><li>• Collecting Data</li><li>• Bar Graph</li><li>• Circle Graph</li></ul>	<b>WINTER BREAK</b>

## JANUARY 2027:

WEEK 1 4-7	WEEK 2 10-14	WEEK 3 17-21	WEEK 4 24-28 and 31
<ul style="list-style-type: none"> <li>• Worksheets</li> </ul>	<p><b>Chapter-11- Measurements</b></p> <ul style="list-style-type: none"> <li>• Recall</li> <li>• <b>Measurement of length</b></li> <li>• Conversion of Units</li> </ul>	<ul style="list-style-type: none"> <li>• Half, Quarter and Three-quarter</li> <li>• <b>Measurement of Mass</b></li> <li>• Conversion of units</li> <li>• Half, Quarter and Three-quarter</li> </ul>	<ul style="list-style-type: none"> <li>• Measurements of Capacity</li> <li>• Conversion of units</li> <li>• Half, Quarter and Three-quarter</li> <li>• Worksheets</li> </ul>

## FEBRUARY 2027:

WEEK 1 1-4	WEEK 2 7-11	WEEK 3 14-18	WEEK 4 21-25
<ul style="list-style-type: none"> <li>• Applying measurements-</li> <li>• Worksheets</li> <li>• Activity</li> </ul>	<p><b>Chapter-13-Time</b></p> <ul style="list-style-type: none"> <li>• Recall</li> <li>• Telling Time in two ways</li> <li>• Telling Time to the exact minute</li> <li>• Using a.m. and p.m</li> </ul>	<ul style="list-style-type: none"> <li>• 24-hour clock</li> <li>• Time interval</li> <li>• Worksheets</li> </ul>	<p><b>Revision</b></p>