

# CAMBRIAN PUBLIC SCHOOL, KANKE ROAD, RANCHI

SESSION (2024-2025)

LEARNING OUTCOMES

SUBJECT - MATHEMATICS

CLASS - V

S. No.	Month	Chapter	Learning Outcomes
1	April	chapter -1  Large Numbers    Chapter -2  Addition and subtraction	<ul style="list-style-type: none"><li>•The learner will be able to read and write numbers bigger than 1000.</li><li>•The learner can write the place value, face value of all digits in a number (Indian system and International system).</li><li>•Learner can round a number to the nearest 10, 100 and 1000.</li><li>•The learner will be able to apply operations of addition and subtraction number in daily life.</li><li>•Learner can apply their knowledge of addition and subtraction in their day to day life.</li></ul>
2	May	Chapter -3  Multiplication and division	<ul style="list-style-type: none"><li>•The learner can multiply and divide two digit numbers.</li><li>•The learner can list the properties of multiplication.</li><li>•The learner can use their knowledge in computing and solving word problems.</li></ul>
3	June	Chapter -5  Multiplication and factors	<ul style="list-style-type: none"><li>•The learner can use the divisibility tests of 2, 3, 4, 5, 9, 10 to calculate the divisibility of a number.</li><li>•The learner can prime factories a number by short</li></ul>

			<p><i>division method.</i></p> <ul style="list-style-type: none"> <li><i>•The learner can calculate the HCF and LCM of a given set of numbers.</i></li> </ul>
4	July	<p><b>Chapter -8</b> <i>Lines and Angles</i></p> <p><b>Chapter -9</b> <i>Triangle</i></p>	<ul style="list-style-type: none"> <li><i>•The learner can construct a line , a ray, a line segment of given length.</i></li> <li><i>•The learner can measure a given angle, he can construct an angle of given measure.</i></li> <li><i>•The learner can classify angles into 7 different types based on their measurements.</i></li> <li><i>• The learner can name and classify triangles based on their sides.</i></li> </ul>
5	August	<p><b>Chapter -12</b> <i>Average</i></p>	<ul style="list-style-type: none"> <li><i>•The learner can calculate the average of a given set of numbers.</i></li> </ul>
6	September	<p><b>Chapter -13</b> <i>Percentage</i></p>	<ul style="list-style-type: none"> <li><i>•The learner can classify the percentage symbol.</i></li> <li><i>•The learner can evaluate how to find the percentage of a number, percentage to fraction conversion.</i></li> </ul>
7	October	<p><b>Chapter -6</b> <i>Fraction</i></p>	<ul style="list-style-type: none"> <li><i>•The learner can classify fraction as proper, improper and mixed fractions.</i></li> <li><i>•The learner can reduce a fraction to its lowest terms.</i></li> <li><i>• The learner can add and subtract unlike fractions.</i></li> </ul>
8	November	<p><b>Chapter -7</b> <i>Decimal Number</i></p>	<ul style="list-style-type: none"> <li><i>•The learner can add and subtract decimal numbers.</i></li> <li><i>•The learner can multiply and divide a decimal number with a whole number.</i></li> <li><i>•The learner can convert a fraction to decimal and vice Versa.</i></li> </ul>

		<b>Chapter -10</b> <b>Circles</b>	<ul style="list-style-type: none"><li>•The learner can construct a circle of given radius or diameter.</li><li>•The learner can mark the centre, radius, chord, diameter and circumference of a circle.</li></ul>
9	December	<b>Chapter -14</b> <b>Time</b>  <b>Chapter -17</b> <b>Perimeter, Area and volume</b>	<ul style="list-style-type: none"><li>•The learner can convert the given time to higher units of time and vice Versa.</li><li>•The learner can add and subtract the time.</li><li>•The learner can convert the time in 12 hour clock to 24 hour clock and vice.</li><li>•The learner can apply their knowledge to calculate the duration of events and solving word problems.</li><li>•The learner can calculate the perimeter, area of square and a rectangle.</li><li>•The learner can calculate the volume of a cube</li><li>•The learner can apply the knowledge of area and perimeter in solving word problems.</li></ul>
10	January	<b>Chapter -15</b> <b>Money</b>	<ul style="list-style-type: none"><li>•The learner can add, subtract and multiple money.</li><li>•The learner can calculate the profit and loss using the cost price selling price of a commodity.</li></ul>
11	February	<b>Chapter -18</b> <b>Pictorial Representation of data</b>	<ul style="list-style-type: none"><li>•The learner can collect data and represent it in a pictograph.</li><li>•The learner can derive conclusions on the data by learning a pictograph.</li></ul>