



			<ul style="list-style-type: none"> <li>° perform sums based on operations on integers</li> <li>° know about the properties of integers</li> </ul>
3	June	Ch -2 Factors and Multiples	<p>Students will be able to</p> <ul style="list-style-type: none"> <li>° differentiate between factors and multiples</li> <li>° find relation between factors and multiples</li> <li>° solve sums based on factors and multiples</li> </ul>
4	July	Ch 5– Fractions	<p>Students will know about</p> <ul style="list-style-type: none"> <li>° fraction as a part of collection</li> <li>° fractional part of a collection</li> <li>° different types of fraction</li> <li>° represent fraction on number line</li> </ul>
		Ch 6 – Simplification	<ul style="list-style-type: none"> <li>° Students will be able to simplify expressions involving brackets using the <b>VBODMAS</b> rule</li> <li>° Students will be able to find the square root of a number by expressing it as a product of primes.</li> </ul>
		Ch -7 Decimals	<p>Students will be able to</p> <ul style="list-style-type: none"> <li>° convert mixed fractions as decimals</li> <li>° identify like and unlike decimals</li> <li>° compare decimals</li> <li>° convert fractions to decimals and vice versa.</li> <li>° perform operations based on decimals</li> </ul>
		Ch 8 -Algebraic Expression	<ul style="list-style-type: none"> <li>° Students will be able to understand the concept of algebra as generalized arithmetic.</li> </ul>
			<ul style="list-style-type: none"> <li>° Students will be able to identify variables and constants.</li> <li>° Students will be able to find the value of an algebraic expression</li> <li>° They will be able to perform operations on algebraic expressions</li> </ul>

5	August	Ch 11-Line Segment, Ray and Line	Students will be able to <ul style="list-style-type: none"> <li>° differentiate line, line segment and ray</li> <li>° identify different types of lines</li> </ul>
		Ch 19 – Three – Dimensional Shapes  Ch 20 – Two – Dimensional Reflection Symmetry	Students will be able to <ul style="list-style-type: none"> <li>° identify different types of solid shapes</li> <li>° know about the parts of solid shapes</li> </ul> Students will be able to identify <ul style="list-style-type: none"> <li>° line of symmetry of an object and hence conclude whether an object is symmetrical or not</li> </ul>
6	September - October	Ch 9 – Linear Equation in One Variable	Students will be able to <ul style="list-style-type: none"> <li>° understand what is an equation</li> <li>° find solution to an equation</li> </ul>
7	October	Ch 10- Ratio, Proportion and Unitary Method  Ch – 12 Parallel Lines	Students will be able to <ul style="list-style-type: none"> <li>° find equivalent ratios</li> <li>° convert ratio in simplest form</li> <li>° compare ratios</li> <li>° find whether two ratios are in proportion</li> </ul> Students will be able to test whether given lines are parallel
		Ch 13 – Angles and their Measurement	Students will be able to <ul style="list-style-type: none"> <li>° identify different types of angle</li> <li>° measure an angle by a protractor</li> </ul>
8	October - November	Ch – 14 Constructions	Students will be able to draw <ul style="list-style-type: none"> <li>° perpendicular bisector of a given line segment</li> <li>° line perpendicular to a given line from a point outside it</li> <li>° some special angles using a pair of compasses</li> </ul>
9	November	Ch 15 - Polygons	Students will be able to <ul style="list-style-type: none"> <li>° differentiate between open and closed figure</li> <li>° identify various types of polygons</li> </ul>

		Ch – 16 Triangles	Students will be able to identify various types of triangles ° by considering the length of their sides ° by considering their angles
10	December	Ch – 17 Quadrilaterals  Ch – 18 Circles  Ch – 21 Concepts of Perimeter and Area	Students will be able to ° identify various types of quadrilaterals after knowing the properties of them.  Students will be able to ° identify the parts of a circle ° know the relation between the diameter and the radius of a circle  Students will be able to ° find the perimeter of a square, rectangle and a circle ° calculate the area of a square and a rectangle ° learn the real life application of area and perimeter
11	January	Ch 22- Data Handling  Ch 23- Pictograph	Students will understand the concept of data and tabulation of data.  Students will learn to represent data using pictures.
12	Jan - Feb	Ch -24 Bar Graph	Students will be able to read and interpret a bar graph.