

**Cambridge International School, Mohal, Kullu**  
**Class – IV**  
**Subject -Mathematics**  
**First Term Curriculum**  
**Session-2020-21**

	March	April	May	June
<b>Concepts</b>	<ul style="list-style-type: none"> <li>Place Value of Large Numbers</li> <li>Adding &amp; Subtracting Large Numbers</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication Of Numbers</li> <li>Division</li> </ul>	<ul style="list-style-type: none"> <li>Division(contd.)</li> <li>Factors and multiples</li> </ul>	<ul style="list-style-type: none"> <li>Fractions</li> </ul>
<b>Learning Outcomes</b>	<ul style="list-style-type: none"> <li>Read and write numbers up to 999999 using place value</li> <li>Compare numbers up to 999999</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ Flash cards</li> </ul> <ul style="list-style-type: none"> <li>Solve and create daily life problems using addition and subtraction of 6- digit numbers.</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ Group Activity</li> </ul>	<ul style="list-style-type: none"> <li>Multiply 2 and 3 digit numbers</li> <li>Solve and create daily life problems using multiplication</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ Jodo Gyan Kit</li> </ul> <ul style="list-style-type: none"> <li>Divide a number by another number using long division method</li> </ul>	<ul style="list-style-type: none"> <li>Solve and create daily life problems using division</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ Group Activity</li> </ul> <ul style="list-style-type: none"> <li>Recognise the broad classification of numbers as prime, composite and co-prime numbers.</li> <li>Proves divisibility rules of 2, 3, 5, 9, and 10</li> <li>Find HCF or LCM of the given pair of numbers</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ Group Activity</li> </ul>	<ul style="list-style-type: none"> <li>Show the equivalence of fractions</li> <li>Identify types of fractions and compare fractions</li> <li>Express mixed fraction into improper fraction and vice-versa</li> <li>Solve problems on daily life situations involving addition and subtraction of fractions</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ Jodo Gyan Kit</li> </ul>
<b>Assessment</b>	<ul style="list-style-type: none"> <li>Pen Paper Test</li> <li>Note book maintenance</li> <li>Quiz/Questionnaire</li> <li>CW/HW Assignment</li> </ul>			

**Cambridge International School, Mohal, Kullu**  
**Mathematics- IV**  
**Final Term Curriculum**  
**Session-2020-21**

Month	July/August	September	October	November
<b>Concepts</b>	<ul style="list-style-type: none"> <li>Decimals</li> <li>Measurement</li> </ul>	<ul style="list-style-type: none"> <li>Time</li> <li>Money</li> </ul>	<ul style="list-style-type: none"> <li>Geometry</li> <li>Area and Perimeter</li> </ul>	<ul style="list-style-type: none"> <li>Volume and Nets</li> <li>Data Handling</li> </ul>
<b>Learning Outcomes</b>	<ul style="list-style-type: none"> <li>Read and write decimals</li> <li>Convert fractions into decimals and vice-versa</li> <li>Compare decimals</li> <li>Perform addition and subtraction with decimal numbers</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Jodo Gyan Kit</b></li> </ul> <ul style="list-style-type: none"> <li>Convert metre into centimeter and vice-versa</li> <li>Estimate the length of an object/distance between two locations, weight of various objects, volume of liquid, etc., and verifies them by actual measurement.</li> <li>Create and solve simple real life situations/problems including length, mass and capacity by using addition and subtraction</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Group Activity</b></li> </ul>	<ul style="list-style-type: none"> <li>Read clock time in hour and minutes and express the time in a.m. and p.m.</li> <li>Relate 24 hr clock with respect to 12 hr clock</li> <li>Calculate time intervals/ duration of familiar daily life events by using forward or backward counting/ addition and subtraction.</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Model</b></li> </ul> <ul style="list-style-type: none"> <li>Convert rupees into paise and vice-versa</li> <li>Apply operations for solving real- life problems on money</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Role Play</b></li> </ul>	<ul style="list-style-type: none"> <li>Identify the centre, radius and diameter of the circle</li> <li>Find out shapes that can be used for tiling</li> <li>Show through paper folding/paper cutting, ink blots, etc. the concept of symmetry by reflection.</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Paper Folding</b></li> </ul> <ul style="list-style-type: none"> <li>Explore the area and perimeter of simple geometrical shapes and irregular shapes</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Measure my room</b></li> </ul>	<ul style="list-style-type: none"> <li>Draw 3D shapes using the given nets</li> <li>Find the volume of 3D shapes by counting the number of unit cubes</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Nets of 3D shapes</b></li> </ul> <ul style="list-style-type: none"> <li>Reading and Interpreting Bar Graphs/ Pie Charts</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Survey</b></li> </ul>
<b>Assessment</b>	<ul style="list-style-type: none"> <li>Pen Paper Test</li> <li>Quiz/Questionnaire</li> <li>Note book maintenance</li> <li>C.W./ H.W. Assignment</li> </ul> <p><b>Main Book:NCERT</b></p>			