

Cambridge International School, Mohal, Kullu
Curriculum, 2021-22
Mathematics -IV
First Term Curriculum

	March	April	May	June
Concepts	<ul style="list-style-type: none"> Place Value of Large Numbers Adding & Subtracting Large Numbers 	<ul style="list-style-type: none"> Multiplication Of Numbers Division 	<ul style="list-style-type: none"> Division(contd.) Factors and multiples 	<ul style="list-style-type: none"> Fractions
Learning Outcomes	<ul style="list-style-type: none"> Read and write numbers up to 999999 using place value Compare numbers up to 999999 <p>Activity:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Flash cards <ul style="list-style-type: none"> Solve and create daily life problems using addition and subtraction of 6- digit numbers. 	<ul style="list-style-type: none"> Multiply 2 and 3 digit numbers Solve and create daily life problems using multiplication <p>Activity:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Multiplication Tricks <ul style="list-style-type: none"> Divide a number by another number using long division method 	<ul style="list-style-type: none"> Solve and create daily life problems using division <p>Activity:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Individual Activity <ul style="list-style-type: none"> Recognise the broad classification of numbers as prime, composite and co-prime numbers. Proves divisibility rules of 2, 3, 5, 9, and 10 Find HCF or LCM of the given pair of numbers <p>Activity:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Square grid paper (Factors) 	<ul style="list-style-type: none"> Show the equivalence of fractions Identify types of fractions and compare fractions Express mixed fraction into improper fraction and vice- versa Solve problems on daily life situations involving addition and subtraction of fractions <p>Activity:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Paper cut-outs of shapes
Assessment	<ul style="list-style-type: none"> Online worksheet Quiz/Questionnaire Online submission of assignments and Activities Additional reference- Diksha app 			

Final Term Curriculum

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