

Cambridge International School, Mohal, Kullu

Class –V

Subject- Mathematics

First Term Curriculum

Session – 2020-21

	MARCH	APRIL	MAY	JUNE
Concept	<ul style="list-style-type: none"> Large Numbers Addition and Subtraction 	<ul style="list-style-type: none"> Multiplication and division of large number Factors and multiples 	<ul style="list-style-type: none"> HCF and LCM Fractions 	<ul style="list-style-type: none"> Decimals Percentage
Learning outcomes	<ul style="list-style-type: none"> Reads, write and compare 7, 8,9 digit numbers in Indian and international system of numeration. Read and write roman numerals <p>Activity:</p> <ul style="list-style-type: none"> ➤ Flashcards <ul style="list-style-type: none"> Performs addition and subtraction on numbers beyond 1000 by understanding of place value of numbers. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Mental maths activity 	<ul style="list-style-type: none"> Apply multiplication and division techniques for 4,5,6- digit numbers <p>Activity:</p> <ul style="list-style-type: none"> ➤ Fill the blanks with digits. <ul style="list-style-type: none"> Apply the rule of divisible of 2,3,5,6,9 and 10. Express numbers as a product of their primes by the prime factorisation method. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Factor tree activity. 	<ul style="list-style-type: none"> Find the Highest common factor (HCF) and the lowest common multiple(LCM) of the given pairs of numbers. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Number of steps activity <ul style="list-style-type: none"> Apply arithmetic operations on fractions Find out reciprocal of whole numbers, fractions and special numbers. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Dice activity 	<ul style="list-style-type: none"> Convert fractions into decimals and vice versa. Apply arithmetic operations on decimals. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Wheels of fortune activity <ul style="list-style-type: none"> Convert fractions and decimals to percentage and vice versa. Find the percentage of a given quantity. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Percentage of students in class
Assessment	<ul style="list-style-type: none"> Pen - paper Test Quiz/Questionnaire Notebook Maintenance CW/HW Assignment 			

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Final Term Curriculum
Session – 2020-21

	JULY/AUGUST	SEPTEMBER	OCTOBER	NOVEMBER
Concept	<ul style="list-style-type: none"> • Measurement • Time 	<ul style="list-style-type: none"> • Average • Profit and loss ,unitary method 	<ul style="list-style-type: none"> • Geometry • Area and perimeter 	<ul style="list-style-type: none"> • Volume and nets • Data handling • Symmetry and mapping
Learning outcomes	<ul style="list-style-type: none"> • Express length, mass, capacity in different units of measurement • Find out the basic operations on measurement and solve word problems. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Measure your height <ul style="list-style-type: none"> • Convert one unit of time into another. • Apply addition and subtraction of time • Find the time duration <p>Activity:</p> <ul style="list-style-type: none"> ➤ Clock time activity 	<ul style="list-style-type: none"> • Find out the average of fractions. • Solve word problems on average. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Average weight of students group activity <ul style="list-style-type: none"> • Find out cost price, selling price and profit and loss • Find out the profit or selling percentage. • Solves problems using unitary method <p>Activity:</p> <ul style="list-style-type: none"> ➤ Jackpot activity 	<ul style="list-style-type: none"> • Classifies angles into right angle, acute angle, obtuse angle and represent the same by drawing and tracing. • Relates different angles in real life. • Identifies different parts of circle. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Angle family story <ul style="list-style-type: none"> • Finds the perimeter and area of a rectangle and square. • Finds the area of a triangle • Classifies different units of area. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Measure your maths book and notebook 	<ul style="list-style-type: none"> • Find the volume of cube and cuboid. • Make cube, cuboids on isometric dot paper. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Isometric paper activity <ul style="list-style-type: none"> • Collects data related to various daily life situation, represent it in tabular form, circle graphs, line graphs and interprets it. • Identifies 2 D shapes from the environment that have rotation and reflection symmetry like alphabet and shapes. • Identify the direction in maps using different directions <p>Activity:</p> <ul style="list-style-type: none"> ➤ Dice activity, Project
Assessment	<ul style="list-style-type: none"> • Pen - paper Test • Quiz/Questionnaire • CW/HW Assignment • Notebook Maintenance 			