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

	FEB/MARCH	APRIL	MAY	JUNE
Concept	**1.** Knowing Our Numbers **2.** Whole Numbers	**3.** Whole Numbers(contd.) **4.** Playing with Numbers	**5.** Fractions **6.** Decimals	**7.** Decimals(contd.) **8.** Data handling
Learning Outcomes	➢ Understand the concept related to number system in the daily life ➢ Solve problems involving large numbers by applying appropriate arithmetic operations **Activity**: ➢ **Flashcards Activity** (to recapitulate number system and comparison of number) ➢ Generalise the properties of Whole number (Closure, Commutative, Associative, Distributive) ➢ Solves problems involving arithmetic operations of whole numbers	➢ Recognises and Appreciates the broad classification of numbers as even, odd, prime, co-prime. ➢ Applies HCF or LCM in a particular situation. **Activity**: ➢ **Using Paper Strips** (to use paper strips of different lengths to find HCF)	➢ Represent Fractions on a Number line. ➢ Classifies fraction into different types. ➢ Uses fractions in different situations which involve money, length. ➢ solves problems involving arithmetic operations of fractions **Link**: https://youtu.be/ yB6Y5eY0wao https://youtu.be/ j7KNYrHsR_k ➢ Represents Decimals on a Number line. ➢ Uses decimals in different situations which involve money, length and solves problems involving addition and subtractions of decimals.	➢ Arranges given/collected information of different items in the form of table, pictograph and bar graph and interprets them. **Activity**: ➢ **Survey/Graph Activity** (To collect data from daily life like temperature for one week**)**

Final Term

	JULY/AUGUST	SEPTEMBER	OCTOBER	NOVEMBER
Concept	**9.** Mensuration 10.Symmetry	**11.**Ratio and proportion **12.**Integers	**13.** Algebra **14.** Basic geometrical Ideas	**15.** Understanding Elementary Shapes **16.** Practical Geometry
Learning Outcomes	• Describes the concept of perimeter and area using different shapes from the classroom through the idea of boundary of shapes. • Solves problems related to perimeter and area**.** **Activity**: **Measure my book /study table** • Demonstrates an understanding of line symmetry by Indentifying symmetrical 2-Dimensional shapes which are symmetrical along one or more lines. • Creating symmetrical 2-D shapes. **Activity**: • **Paper Folding** (To show symmetry in different alphabets, shapes etc.)	• Compare quantities using ratios in different situations. • Uses unitary method in solving various word problems. ➢ Represent integers on number line. ➢ Solves problem involving arithmetic operations of integers. **Activity**: ➢ **Play with Dice(To** perfom arithmetic operations by using two different coloured dices)	• Uses variable with different operations to generalise a given situation. **Activity**: • **Matchstick Activity(** To make patterns with match sticks) • Describes geometrical ideas like line, line segment, open and closed figures, angle triangle, quadrilateral, circle with the help of examples in surroundings. • Classifies quadrilaterals into different types on the basis of their sides/angles. **Activity**: ➢ **Paper Folding** (To describe different terms of circle by paper folding)	• Demonstrates an understanding of angles by • Identifying examples of angles in the surrounding. • Classifying angles according to their measure. • Classifies triangles into different types on the basis of their angles and sides. **Activity**: ➢ **Angle Family Story(** To classify different types of angles on the basis of their names) • Classify angles based on the amount of rotation. • Demonstrates and draw various angles using compass. **Activity**: ➢ **Construction(** To construct angles with the help of compass)
Assessment	• Online Assessment • Quiz/Questionnaire • HW Update • On line assignments **Main Book**:NCERT **E Diksha app is taken into consideration.** **Art Integration: pookkalam(floral carpet)**			