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

	FEB/MARCH	APRIL	MAY	JUNE
Concept	**Ch 1** Knowing OurNumbers **Ch 2** Whole Numbers	**Ch 2** Whole Numbers(contd.) **Ch 3** Playing with Numbers	**Ch 4** Basic Geometrical Ideas **Ch 5** Understanding Elementary Shapes	**Ch 6** Integers **Ch 7** Fractions
Learning Outcomes	• Comparing Numbers. • Large Numbers • Comparison of Numbers • Standard units of measurement • Estimation and brackets • Roman Numerals **Activity**: ➢ **Flashcards** • Successor and Predecessor • Addition, Subtraction and Multiplication of Whole numbers on a Number line	• Properties of Whole Numbers • Patterns in Whole Numbers **Activity**: ➢ **Using Grid Paper** • Factors and Multiples and their Properties • Prime and Composite Numbers • Tests of Divisibility • Common Factors and Multiples • Prime Factorization • Highest Common Factor(HCF) • Lowest Common Multiple(LCM) **Activity**: ➢ **Using Paper Strips**	• Point, Line and Line segment • Types of Lines • Ray and its properties • Plane, Open and Closed Figures • Polygons, Angle, Circle **Activity**: ➢ **Paper Folding** • Line Segment and their Comparison • Types of Angle and measuring Angles • Perpendicular lines • Classification of Triangles • Types of Quadrilaterals • Polygons and Three - Dimensional Shapes **Activity**: ➢ **Angle Family Story**	• Integers and their representation on a Number line • Ordering of integers • Addition and Subtraction of Integers on a Number Line **Activity**: ➢ **Play with Dice** • Representation of Fractions on a Number line • Types of Fraction and their Conversion • Simplest Form of a Fraction and Comparison of Fractions • Addition and Subtraction of Fractions **Activity**: ➢ **Jodo Gyan Kit**

Final Term Curriculum

	JULY/AUGUST	SEPTEMBER	OCTOBER	NOVEMBER
Concept	**Ch 8** Decimals **Ch 9** Data Handling	**Ch 10** Mensuration	**Ch 11** Algebra **Ch 12** Ratio and Proportion	**Ch 13** Symmetry **Ch 14** Practical Geometry
Learning Outcomes	• Tenths, Hundredths, Decimal Places • Representation of Decimals on a Number line • Converting Fraction into Decimal and Vice-Versa • Comparison of Decimals • Addition and Subtraction of Decimals **Activity**: ➢ **Jodo Gyan Kit** • Collection and Organisation of Data • Types of Data • Pictorial Representation of Data • Bar Graphs **Activity**: ➢ **Survey/Graph Activity**	• Perimeter and Area • Perimeter and Area of Polygons (Rectangle and Square) **Activity**: ➢ **Measure my classroom.**	• Patterns, Use of Variables • Algebraic Expression and Its Formation • Equations **Activity**: ➢ **Matchstick Activity** • Ratio • Equivalent Ratios • Proportion and Unitary Method **Activity**: ➢ **Project Activity**	• Line of Symmetry • Reflection Symmetry **Activity**: ➢ **Paper Folding** • Construction of a Circle, Line Segment • Perpendicular to a given Line on a Point lying on it • Perpendicular to a given Line through a Point Not on it • Constructing an Angle Equal to a Given Angle • Bisector of an Angle • Angles of Special Measures **Activity**: ➢ **Paper Folding/Construction**
Assessment	• Pen - paper Test • Quiz/Questionnaire • CW/HW Assignment • Notebook Maintenance **Main Book**:**Ncert**			