

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

	FEB/MARCH	APRIL	MAY	JUNE
Concept	<p>1. Knowing Our Numbers</p> <p>2. Whole Numbers</p>	<p>3. Whole Numbers (contd.)</p> <p>4. Playing with Numbers</p>	<p>5. Fractions</p> <p>6. Decimals</p>	<p>7. Decimals (contd.)</p> <p>8. Data handling</p>
Learning Outcomes	<ul style="list-style-type: none"> ➤ Understand the concept related to number system in the daily life ➤ Solve problems involving large numbers by applying appropriate arithmetic operations <p>Activity:</p> <ul style="list-style-type: none"> ➤ Flashcards Activity <ul style="list-style-type: none"> ➤ Generalise the properties of Whole number (Closure, Commutative, Associative, Distributive) ➤ Solves problems involving arithmetic operations of whole numbers <p>Activity:</p> <ul style="list-style-type: none"> ➤ Using Grid Paper 	<ul style="list-style-type: none"> ➤ Recognises and Appreciates the broad classification of numbers as even, odd, prime, co-prime. ➤ Applies HCF or LCM in a particular situation. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Using Paper Strips 	<ul style="list-style-type: none"> ➤ 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 <p>Activity:</p> <ul style="list-style-type: none"> ➤ JodoGyan Kit <ul style="list-style-type: none"> • Represents Decimals on a Number line. ➤ Uses decimals in different situations which involve money, length and solves problems involving addition and subtractions of decimals. <p>Activity:</p> <ul style="list-style-type: none"> • JodoGyan Kit 	<ul style="list-style-type: none"> • Arranges given/collected information of different items in the form of table, pictograph and bar graph and interprets them. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Survey/Graph Activity

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Final Term Curriculum
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	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 Objectives	<ul style="list-style-type: none"> • 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. <p>Activity:</p> <p>Measure my classroom</p> <ul style="list-style-type: none"> • Demonstrates an understanding of line symmetry by identifying symmetrical 2-Dimensional shapes which are symmetrical along one or more lines. • Creating symmetrical 2-D shapes. <p>Activity:</p> <ul style="list-style-type: none"> • Paper Folding 	<ul style="list-style-type: none"> • Compare quantities using ratios in different situations. • Uses unitary method in solving various word problems. <p>Activity:</p> <ul style="list-style-type: none"> • Project Activity <ul style="list-style-type: none"> ➤ Represent integers on number line. ➤ Solves problem involving arithmetic operations of integers. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Play with Dice 	<ul style="list-style-type: none"> • Uses variable with different operations to generalise a given situation. <p>Activity:</p> <ul style="list-style-type: none"> • Matchstick Activity <ul style="list-style-type: none"> • 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. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Paper Folding 	<ul style="list-style-type: none"> • 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. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Angle Family Story <ul style="list-style-type: none"> • Classify angles based on the amount of rotation. • Demonstrates and draw various angles using compass. <p>Activity:</p> <ul style="list-style-type: none"> ➤ Paper Folding/Construction

Assessment

- Pen - paper Test
- Quiz/Questionnaire
- CW/HW Assignment
- Notebook Maintenance

Main Book:NCERT