

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

	FEBRUARY/MARCH	APRIL	MAY	JUNE
C o n c e p t s	<ul style="list-style-type: none"> Integers Fractions and Decimals 	<ul style="list-style-type: none"> Data Handling Simple Equations 	<ul style="list-style-type: none"> Lines and Angles The Triangles and its Properties 	<ul style="list-style-type: none"> Congruence of Triangles Comparing Quantities
L e a r n i n g O u t c o m e s	<ul style="list-style-type: none"> Multiplies/divides two integers Activity: <ul style="list-style-type: none"> Teaching integer multiplication with cards Interprets the division and multiplication of fractions. Activity: <ul style="list-style-type: none"> Jodo Gyan Kit 	<ul style="list-style-type: none"> Interprets data using bar graphs such as consumption of electricity in winters than summer, runs scored by a team in first 10 over's etc Activity : <ul style="list-style-type: none"> Household water consumption records Represents daily life situations in the form of a simple equation and solves it. Activity: <ul style="list-style-type: none"> Race to resolve(using flash cards) 	<ul style="list-style-type: none"> Classifies pairs of angles based on their properties as linear, supplementary, complementary, adjacent and vertically opposite and finds the value of the one when the other is given. Activity: <ul style="list-style-type: none"> Project on angles Find unknown angle of a triangle when its two angles are known. Activity : <ul style="list-style-type: none"> Paper cutting and pasting 	<ul style="list-style-type: none"> Explains congruence of triangle on the basis of the information given about them like (SSS,ASA,SAS,RH S) Activity: <ul style="list-style-type: none"> Use of congruence criterions to identify pair of congruent triangles Finds various representative values for simple data from her/his daily life contexts like mean, median and mode. Activity : Group Activity (role play)
A s s e s s m e n t	<ul style="list-style-type: none"> Pen - paper Test Quiz/Questionnaire Notebook Maintenance CW/HW Assignment <p>Main Book: NCERT</p>			

Final Term Curriculum

	JULY/AUGUST	SEPTEMBER	OCTOBER	NOVEMBER
C o n c e p t s	<ul style="list-style-type: none"> Rational Numbers Practical <p align="center">Geometry</p>	<ul style="list-style-type: none"> Perimeter and Area Algebraic Expressions 	<ul style="list-style-type: none"> Exponents and Powers Symmetry 	<ul style="list-style-type: none"> Visualizing <p align="center">Solid Shapes</p>
L e a r n i n g O u t c o m e s	<ul style="list-style-type: none"> Solves problems related to daily life situations using numbers rational numbers. <p>Activity :</p> <ul style="list-style-type: none"> <input type="checkbox"/> Group activity (Number line) <ul style="list-style-type: none"> Construction of a Line Parallel to a given Line through a Point Not on it Construction of Triangles (SSS, SAS, ASA and RHS criterion) <p>Activity :</p> <ul style="list-style-type: none"> <input type="checkbox"/> Paper folding to draw a parallel line 	<ul style="list-style-type: none"> Calculates areas of the regions enclosed in a rectangle and a square. <p>Activity:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Circumference of circle <ul style="list-style-type: none"> Adds/subtract algebraic expressions. <p>Activity:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Pattern with matchstick 	<ul style="list-style-type: none"> Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers. <p>Activity :</p> <ul style="list-style-type: none"> <input type="checkbox"/> Exponents card game <ul style="list-style-type: none"> Find out the approximate area of closed shapes by using a square grid/graph sheet. <p>Activity:</p> <ul style="list-style-type: none"> <input type="checkbox"/> To observe rotational symmetry 	<ul style="list-style-type: none"> Recognises variability in real life situations such as variation happening of events like throwing a coin. <p>Activity:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Lab Activity using cubes
A s s e s s m e n t	<ul style="list-style-type: none"> Pen - paper Test Quiz/Questionnaire Notebook Maintenance CW/HW Assignment <p>Main Book: NCERT</p>			