

SYLLABUS FOR THE SESSION 2023-24

CLASS - VII

SUBJECT - MATHEMATICS

MONTH	TEXT BOOK	DIGITAL RESOURCES	SUBJECT ENRICHMENT ACTIVITIES
APRIL	CH-1, INTEGERS	done by videos of smart class.	
MAY	CH. 11 - LINES AND ANGLES CH-3, DECIMALS	Explanation will be done by videos of smart class.	ACTIVITY-1, To verify by paper cutting and pasting, that if two parallel lines are cut by a transversal, then _____ a) Each pair of corresponding angles are equal b) Each pair of alternate interior angles are equal c) Each pair of interior angles on the same side of transversal are supplementary. (Page no. 20)
JULY	CH-2 FRACTIONS CH.5 - RATIONAL NUMBERS CH-6, OPERATIONS ON RATIONAL NUMBERS	Explanation will be done by videos of smart class.	
AUGUST	CH. 8 - EXPONENTS CH-12 THE TRIANGLES AND ITS PROPERTIES	Explanation will be done by videos of smart class.	ACTIVITY -2, a) Identify the conditions under which given pair of angles are complementary b) Identify the conditions under which given pair of angles are supplementary (Page no. 23)
SEPTEMBER	REVISION OF MID TERM SYLLABUS		ACTIVITY -3, To verify Pythagoras theorem using a squared paper by activity method (Page no. 31)
OCTOBER	CH.- 9 ALGEBRAIC EXPRESSIONS	Explanation will be done by videos of	
NOVEMBER	CH. -7 COMPARING QUANTITIES	Explanation will be done by videos of smart class.	PROJECT 1 - To understand the concept of symmetry and find lines of symmetry by paper folding
DECEMBER	CH . -13 CONGRUENCE OF TRIANGLES	Explanation will be done by videos of smart class.	ACTIVITY - 4, To compare the marks obtained in different subjects by a student in the pre and post mid examination in class VII by drawing a
JANUARY	CH.10 - PERIMETER	Explanation will be done by videos of smart class.	
FEBRUARY	REVISION OF ANNUAL TERM SYLLABUS		PROJECT 2 - Students should use their mathematical knowledge and thinking ability to design a crossword puzzle. (Page no. 82)