

## SYLLABUS FOR THE SESSION 2023-24

CLASS - VIII		SUBJECT - MATHEMATICS	
MONTH	TEXT BOOK	DIGITAL RESOURCES	SUBJECT ENRICHMENT ACTIVITIES
APRIL	CH-1, RATIONAL NUMBERS CH-2, OPERATIONS ON RATIONAL NUMBERS	Expaination will be done by videos of smart class.	
MAY	CH-3, POWERS CH-7, ALGEBRAIC EXPRESSIONS	Expaination will be done by videos of smart class.	Activity 1 - To learn about the laws of exponents for rational basis.(Page no. 9)
JULY	CH-4, SQUARE AND SQUARE ROOTS, CH-5, CUBES AND CUBE ROOTS CH-8, DIVISION OF ALGEBRAIC EXPRESSIONS	Expaination will be done by videos of smart class.	Activity 2 -Use algebra tiles (Square and rectangular strips) to represent polynomials and explore polynomial addition using these tiles.(Page no. 13)
AUGUST	CH-9, IDENTITIES CH-10, FACTORISATION OF ALGEBRAIC EXPRESSIONS CH-16, QUADRILATERALS	Expaination will be done by videos of smart class.	
SEPTEMBER	REVISION OF MID TERM		PROJECT WORK 1- To make a kite by paper cutting and folding and illustrate the properties of a kite.
OCTOBER	CH-14, DIRECT AND INVERSE VARIATION CH-15, TIME AND WORK CH-12, APPLICATIONS OF	Expaination will be done by videos of smart class.	
NOVEMBER	CH-22, STATISTICS CH-24, PROBABILITY	Expaination will be done by videos of smart class.	Activity 3 - Do a survey of your class and collect the data from all students of your class who spent more than 4 hours in watching TV. Represent the collect the data, in the form of a histogram by paper cutting and pasting. (Page no. 60)
DECEMBER	CH-19, AREA CH-21, INTRODUCTION TO COORDINATES	Expaination will be done by videos of smart class.	Activity 4 - To draw linear graphs on a coordinate plane.(Page no. 64)
JANUARY	CH-11, LINEAR EQUATIONS CH-20, VOLUME AND SURFACE AREA	Expaination will be done by videos of smart class.	
FEBRUARY	REVISION OF ANNUAL TERM		PROJECT WORK 2- To view a solid from different angles and study the front view, the top view and the side view of the following shapes made by unit cubes.

