

**Middle
Level
Grade -
VIII**

Unit No.	Unit Name	Topic/Theme	Number of Periods	Remarks
1	Operation on Sets	Set Ex. 1.1 Operation on Sets 1.2.2.Verification of the Distributive Laws 1.2.3.De Morgan's Laws Ex. 1.2. (Q: 4 – 5) Ex. 1.2. (Q: 1 – 3) 1.2. Venn Diagram Ex. 1.3	16	
5	Polynomial	5.1. Algebraic Expression Ex. 5.1 5.2. Polynomial Ex. 5.2 5.3. Operations on Polynomials Ex. 5.3	20	
6	Factorization, Simultaneous Equations	6.1. Basic Algebraic Formulas Ex. 6.1 6.2. Factorization Ex. 6.2 Ex. 6.3 6.3. Manipulation of Algebraic Expression Ex. 6.4 6.4. Simultaneous Linear Equation Ex. 6.5 6.5. Solution of Simultaneous Linear Equation Ex. 6.6 Ex. 6.7 6.6. Elimination Ex. 6.8	20	
7	Basic Concepts of Geometry	7.1. Parallel Lines Ex. 7.1 7.2. Polygons 7.3. Circle Ex. 7.2	20	

9	Areas and Volume	9.1. Pythagoras Theorem 9.2. Hero's Formula 9.3. Surface area and Volume	14	
11	Introduction of Trigonometry	11.1. Trigonometry 11.2. Trigonometric Ratios and Acute Angles.	20	
1 2	Information Handling	12.1. Frequency Distribution 12.2. Measure of Central Tendency	20	
	Total Periods		130	