

**Middle Level**  
**Grade - VIII**

| <b>Unit No.</b> | <b>Unit Name</b>                      | <b>Topic/Theme</b>   | <b>Number of Periods</b> | <b>Remarks</b> |
|-----------------|---------------------------------------|--|--------------------------|----------------|
| 1               | Operation on Sets                     | 1.2.2. Verification of the Distributive Laws<br>1.2.3. De Morgan's Laws<br>Ex. 1.2. (Q: 4 – 5)   | 7                        |                |
| 5               | Polynomial                            | 5.1. Algebraic Expression<br>Ex. 5.1<br>5.2. Polynomial<br>Ex. 5.2<br>5.3. Operations on Polynomials<br>Ex. 5.3                              | 12                       |                |
| 6               | Factorization, Simultaneous Equations | 6.1. Basic Algebraic Formulas<br>Ex. 6.1<br>6.2. Factorization<br>Ex. 6.2<br>Ex. 6.3<br>6.3. Manipulation of Algebraic Expression<br>Ex. 6.4 | 16                       |                |
| 7               | Basic Concepts of Geometry            | 7.1. Parallel Lines<br>Ex. 7.1<br>7.2. Polygons<br>7.3. Circle<br>Ex. 7.2  | 16                       |                |
| 11              | Introduction of Trigonometry          | 11.1. Trigonometry<br>11.2. Trigonometric Ratios and Acute Angles.   | 14                       |                |
| 12              | Information Handling                  | 12.1. Frequency Distribution<br>12.2. Measure of Central Tendency  | 13                       |                |
|                 | <b>Total Periods</b>                  |  | <b>78</b>                |                |