

## PRE-ALGEBRA

### Week 1

- Place Value , International system of numbers
- Number Theory
- Arithmetic Operations of Integers

### Week 2

- Divisibility Rules, Prime Numbers
- Factors and Multiples
- Greatest Common Factor and Lowest Common Multiple

### Week 3

- Decimals, Operations On Decimals
- Percentages
- Conversion between Percentage, Fraction and Decimal

### Week 4

- Introduction to Graphs(Axes, Coordinates and Quadrants)
- Reading and Interpretation of Data, Stem and Leaf Plots
- Picture Graphs, Bar Graphs and Histogram

### Week 5

- Exponents, Square Roots and Radicals
- Constants and Variables
- Laws of Exponents

### Week 6

- Proportion and Related Word Problems
- Evaluating Algebraic Expressions
- Identifying Like and Unlike Terms

### Week 7

- Perimeters of Rectangle and Squares
- Area of Squares and Rectangle
- Surface Area and Volume of 3D figures

### Week 8

- Algebraic Expressions with Variable, Constants and Operations
- Linear Equations in One Variable
- Linear Equations in Two Variables

