



## **LAHORE GRAMMAR SCHOOL**

**Faisalabad**

### **Mathematics Syllabus for Admission into Class 9**

- Integers, powers, and roots
- Expressions & Formulae
- Conversions between units (Length, Area, Volume)
- Place value, ordering and rounding
- Equations and Inequalities
- Pythagoras' Theorem
- Ratio and Proportion
- Fractions, decimals, and Percentages
- Functions & Graphs
- Sequences
- Angles
- Probability
- Area and Perimeter of 2D shapes
- Surface Area and Volume of 3D shapes (Cube, Cuboid, Cylinder, Prism)
- Expansion and Factorization of Algebraic Expressions
- Processing, presenting and Interpreting Data (Bar Graph, Line Graph, Stem and Leaf Diagram, Scatter Diagram)