

Number and Number Systems

- Directed Numbers and the Number Line
- Numerical Estimation
- Approximation and Errors
- Rational and Irrational Numbers

Comparing Quantities

- Using Percentages
- More about Percentages
- Rate and Ratio

Observing Patterns and Expressing Generality

- Formulating Problems with Algebraic Language
- Manipulations of Simple Polynomials
- Law of Integral Indices
- Factorization of Simple Polynomials

Algebraic Relations and Functions

- Linear Equations in One Unknown
- Linear Equations in Two Unknowns
- Identities
- Formulas
- Linear Inequalities in One Unknown

Measures in 2D and 3D Figures

- Estimation in Measurement
- Simple Idea of Areas and Volumes
- More about Areas and Volumes

Learning Geometry Through an Intuitive Approach

- Introduction to Geometry
- Transformation and Symmetry
- Congruence and Similarity
- Angles related with Lines and Rectilinear Figures
- More about 3D Figures

Learning Geometry through a Deductive Approach

- Simple Introduction to Deductive Geometry
- Pythagoras' Theorem
- Quadrilaterals

Learning Geometry through a Analytic Approach

- Introduction to Coordinates
- Coordinate Geometry of Straight Lines
- Trigonometric Ratios and Using Trigonometry

Organization and Representation of data

- Introduction to Varios Stages of Statistics
- Construction and Interpretation of Simple Diagrams and Graphs

Analysis and Interpretation of data

- Measures of Central Tendency

Probability

- Simple Idea of Probability