



Mathematics Curriculum Overview: India

Grade	Number	Algebra	Data	Spatial Sense, Geometry & Measurement	Financial Literacy	Social-Emotional Learning & Mathematical Processes
Grade 6	- Number System - Ratio and Proportion	n/a	- Data Handling	- Geometry: basic geometrical ideas, understanding elementary shapes, symmetry, constructions - Mensuration: perimeter, introduction to area	n/a	n/a
Grade 7	- Number System - Ratio and Proportion	n/a	- Data Handling	- Geometry: properties of triangles, symmetry, representing 3D in 2D, congruence, constructions - Mensuration: area	n/a	n/a
Grade 8	- Number System - Ratio and Proportion	n/a	- Data Handling - Introduction to Graphs	- Geometry: understanding shapes, representing 3D in 2D, congruence, constructions - Mensuration: area, volume and capacity, surface area	n/a	n/a
Grade 9	- Number System	- Polynomials - Linear Equations in Two Variables	- Statistics - Probability - Proofs in Mathematics - Introduction to Mathematical Modelling	- Coordinate Geometry - Introduction To Euclid's Geometry - Lines And Angles; Triangles - Quadrilaterals - Areas Of Parallelograms and Triangles - Circles - Constructions - Heron's Formula - Surface Areas and Volumes	n/a	n/a