



India Math Curriculum: Strands & Topics (Grades 6 to 9)

Grade	Mathematics Curricula: India			
	Number	Algebra	Data	Spatial Sense/Geometry & Measurement (G9)
Grade 6	Number system; Ratio and Proportion		Data handling	Geometry (Basic geometrical ideas, Understanding Elementary Shapes, Symmetry, Constructions); Mensuration (Perimeter and introduction to Area)
Grade 7	Number system; Ratio and Proportion		Data handling	Geometry (Properties of triangles, Symmetry, Representing 3D in 2D, Congruence, Constructions); Mensuration (Area)
Grade 8	Number system; Ratio and Proportion		Data handling; Introduction to Graphs	Geometry (Understanding shapes, Representing 3D in 2D, Congruence, Constructions); Mensuration (Area, Volume and capacity, Surface area)

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
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National council of educational research and teaching. (2017). *Learning outcomes at the elementary stage*. Chrome extension://efaidnbmnnnibpcajpcgclefindmkaj/https://ncert.nic.in/pdf/publication/otherpublications/tilops101.pdf

National council of educational research and teaching. (2019). *Learning outcomes at the secondary stage*. chrome-extension://efaidnbmnnnibpcajpcgclefindmkaj/https://ncert.nic.in/pdf/publication/otherpublications/learning_outcomes.pdf