

CBSE KVS NVS TGT Maths Syllabus 2025

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Quick Overview

Exam Name	TGT Mathematics (CBSE/KVS/NVS)
Year	2025
Syllabus Type	Updated NCERT-Based + Teaching Aptitude
Level	National Teaching Exam
PDF	Included in this document

Exam Pattern

Section	Questions	Marks
General English	10	10
General Hindi	10	10
General Knowledge	10	10
Reasoning Ability	10	10
Teaching Methodology	20	20
Mathematics (Main Subject)	80	80

Number System

- Real numbers, properties
- Rational & Irrational Numbers
- Exponents, Scientific Notation
- LCM, HCF, Euclid Division

Algebra

- Expressions, Polynomials
- Linear & Quadratic Equations
- AP, GP, Identities
- Factor Theorem

Geometry

- Lines, Angles, Triangles
- Circles & Theorems
- Coordinate Geometry
- Constructions

Mensuration

- 2D & 3D Shapes
- Area & Volume
- Cylinder, Cone, Sphere
- Frustum Concepts

Trigonometry

- Trigonometric Ratios
- Heights & Distances
- Trigonometric Identities

Statistics & Probability

- Mean, Median, Mode
- Diagrams & Graphs
- Probability Basics

Pedagogy of Mathematics

- Constructivism
- Teaching Strategies
- Assessment Techniques
- Lesson Planning

End of Syllabus PDF

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