

RPS MATHS LEAGUE SYLLABUS

2026 – 2027

GRADE III

- Addition, Subtraction, Multiplication, Division, Geometry, Fractions, Money, Measurement

GRADE IV

- Large Numbers/ Number System, Addition & Subtraction of Large Numbers
- Multiplication, Division, Factors and Multiples, Fractions, Decimal, Data Handling
- Measurement

GRADE V

- Large Numbers, Operations on Large Numbers, Factors and Multiples, Fractions, Decimals, Measurement, Unitary Method, Profit and Loss, and Percentage

GRADE VI

- Patterns in Mathematics, Lines and Angles, Number Play, Prime Time, Fractions
- Data Handling and Presentation, Perimeter & Area, Playing with Constructions, Symmetry

GRADE VII

- Large Numbers Around Us, Arithmetic Expressions, A Peek Beyond the Point
- Expressions using Letter – Numbers, Parallel and Intersecting Lines, Number Play
- A Tale of Three Intersecting Lines, Working with Fractions, Geometric Twins
- Operations with Integers, Finding Common Ground, Another Peek Beyond the Point
- Connecting the Dots

GRADE VIII

- Square, Cube & their Roots, Power Play, Quadrilaterals, Number Play, We Distribute,
- Yet Things Multiply, Proportional Reasoning – 1 & 2, Algebra Play, Area
- Fractions in Disguise (Percentage & its Application), The Baudhyan – Pythagoras Theorem

GRADE IX

- Number System, Exploring algebraic identity, Polynomials, Linear Equation in two – variable
- Co – ordinate Geometry, Introduction to Euclid Geometry, Lines & Angles
- Congruent Triangles, Quadrilateral, Arithmetic Progression & Geometric Progression, Circles
- Logarithms, Sets, Mensurations (Area & Perimeter)
- Probability (The Mathematics of may be)

GRADE X

- Real Numbers, Polynomials, Quadratic Equations, Pair of Linear Equations in two variables
- Arithmetic Progressions, Co – Ordinate Geometry, Triangles, Circles, Trigonometry
- Height & Distance (Application of Trigonometry), Area related to circles
- Surface area and volumes, Statistics, and Probability