



Maths KS3



Mastery in Year 9

- Advanced Algebra: Expand on algebraic skills (equations, inequalities, linear relationships), and build towards more complex problem solving.
- Pythagoras & Trigonometry: Understand the Pythagorean theorem and basic trigonometric ratios (sine, cosine, tangent).
- Preparation for GCSEs: Focus on exam technique, consolidate key concepts across all areas, and prepare for higher-level mathematics.

Mastery in Year 8

- Proportional Reasoning: Understand ratio & proportion, solve problems involving rates & percentages, and explore similar shapes.
- Geometry & Measurement: Master geometric theorems, explore transformations, and use a wider range of measurement units.
- Data & Statistics: Analyse data sets, construct and interpret graphs & charts, and calculate basic statistics.

Mastery in Year 7

- Number Foundations: Review & extend place value, explore fractions & percentages, and solidify operations with all number types.
- Reasoning & Problem Solving: Develop logical thinking, explain solutions clearly, and tackle multi-step worded problems.
- Algebra Introduction: Introduce basic algebraic concepts like variables, expressions, and equations.

