

# KS3 Mathematics

## CURRICULUM ROAD MAP



- Area of a circle
- Reverse mean
- Pythagoras
- Proportional Reasoning

- Units & Scales
- Ratio & Proportion
- Further Probability
- Scatter Graphs
- Angles in Parallel line & bearings

- Working with Percentages – using a calculator
- Further work on Algebra
- Transformations
- Constructing & interpreting pie charts & frequency polygons

- Prime factorisation & Index Laws
- Surface Area of prisms
- Further work on linear graphs
- Further work with fractions

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- Further work on sequences
- Rounding & estimating
- Introduction to standard form
- Forming & solving equations
- Interior & exterior angles in polygons

- Statistics – averages & range, ways to display data
- Working with Functions and graphs
- Solving linear equations
- Area of 2D and composite shapes
- Circumference of a circle & circle problem
- Surface area of cubes & cuboid

- Ratio & proportion
- Calculating angles
- Working with percentages – mental strategies

- Working with fractions
- BIDMAS, powers & roots, HCF & LCM
- Introduction to probability
- Using function machines, substitution, and factorising expressions

- Base-line assessment
- Working with negative numbers
- Working with linear & special Sequences
- Geometry – properties of shapes, translation and perimeter.
- Working with decimals
- Introduction to algebra

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