$Y = 1/x$

- Algebra recap and extension
- Congruence and similarity
- Trigonometry
- Graphs recap and extension
- Probability

Year 10

Foundation

- Standard form
- Measures
- Calculating with percentages
- Statistical measures
- Indices
- Constructions and loci
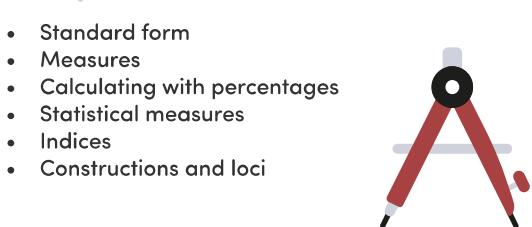
- Properties of polygons
- Real-life graphs
- Circumference and area
- Area and perimeter
- Simultaneous equations

$A \times 10^n$

Year 10

Higher

- Volume and surface area
- Rearranging formulae
- Transformations
- Graphs
- Inequalities
- Quadratic inequalities

- Pythagoras and trigonometry
- Polygons
- Probability
- Simultaneous equations
- Venn Diagrams
- Statistical Measures

- Surds
- Measures
- Calculating with percentages
- Recurring decimals
- Introduction to quadratics
- Sequences
- Indices
- Stats recaps
- Congruence and similarity
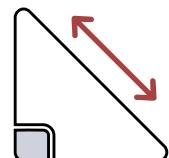
Year 11

Foundation

- Volume
- Algebra review
- Quadratics
- Rearranging formulae and identities
- Inequalities
- Linear functions
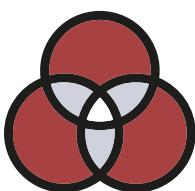
- Direct and inverse proportion
- Trigonometry
- Growth and decay
- Vectors
- Non-linear graphs
- Revision and mocks

GCSE Examinations

Year 11

Higher

GCSE Examinations
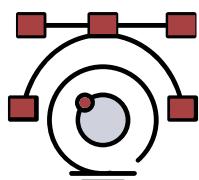
- Gradients and rate of change
- Pre-calculus and area under a curve
- Algebraic fractions
- Vectors
- Numerical methods
- Revision and mocks

- Direct and inverse proportion
- Functions
- Sine and cosine rule
- Trigonometric graphs
- Circle theorems
- Equations of circles
- Transformation of functions

Routes to Remarkable

MATHS