

**Subject: Maths**

**KS3**

Year 7	Year 8	Year 9
Number skills Analysing and displaying data Equations, functions and formulae Fractions Angles and shapes Equations Multiplicative reasoning Perimeter, area and volume Sequences and graphs	Factors and powers Working with powers 2D shapes and 3D solids Real-life graphs Transformations Fractions, decimals and percentages Constructions and loci Probability Scale drawings and measures Graphs	Powers and roots Quadratics Inequalities, equations and formulae Collecting and analysing data Multiplicative reasoning Transformations and constructions Non-linear graphs Accuracy and measures Graphical solutions Trigonometry Mathematical reasoning Similarity and congruence

**KS4 : Higher**

Year 10	Year 11
Number Algebra Interpreting and representing data Fractions, ratio and percentages Angles and trigonometry Graphs Area and volume Circle theorems Equations and inequalities Probability Multiplicative reasoning More algebra More trigonometry Further statistics Proportion and graphs	Number Algebra Interpreting and representing data Area & Volume Vectors and geometric proof Fractions, ratio and Percentages More Algebra Angles and Trigonometry More Trigonometry Graphs Proportion and graphs Probability Multiplicative reasoning Equations and inequalities Similarity and congruence Further Statistics Equations and graphs Circle Theorems Transformations and constructions

**KS4 : Foundation**

Year 10	Year 11
Number Algebra Graphs, tables and charts Fractions and Percentages Equations, inequalities and sequences Angles Averages and range Perimeter, area and volume 1 Graphs Quadratic equations and graphs Ratio and proportion Probability Multiplicative reasoning Construction, loci and bearings	Revision of number basics Revision of algebra basics Revision of geometry basics Revision of proportion basics Revision of statistics Revision of probability Surds, standard form and bounds Graph work Further geometry Proportional reasoning Exam revision

KS4 Exam Board Specification: [EdExcel GCSE Mathematics \(1MA1\)](#)

Useful Resources and Revision Support

- [edexcel.com](https://www.edexcel.com)
- <https://corbettmaths.com>
- [MME Revise | Maths English & Science Revision](#)
- <https://mathsmadeeasy.co.uk>
- <https://www.mathsgenie.co.uk>