



Mathematics

KS3 - Curriculum Roadmap

Construction

Percentages

Equations

Proportion

Sequences

3D Shapes

Indices

Algebra

2D Shapes

Arithmetic

Fractions, Decimals and Percentages

Graphs

9

Statistics

Solving Equations

Algebraic Manipulation

Transformations

Angles

Probability

Fractions

Negative Numbers

Length and Area

Compound Measures

Number Properties

Rounding and Estimation

3D Shapes

8

Ratio

Coordinates and Graphs

Angles and 2D Shapes

Fractions, Decimals and Percentages

Fractions

7

Number Properties

Rounding & Estimating

Shapes

The 4 Operations

Working with Data

Introduction to Algebra



Mathematics F

KS4 - Curriculum Roadmap

Paper 3 (Calculator)

Paper 1 (Non-Calculator)

DC3 Exams

Paper 2 (Calculator)

Targeted Feedback

Revision of Graphs and Charts

Revision of Fractions, Decimals and Percentages

Revision of Ratio

Revision of Algebra and Equations

DC2 Exams

Revision of Non-Calculator Arithmetic

Revision of Probability

Indices and Standard Form

DC1 Exams

Algebraic Manipulation

Area, Perimeter and Right-angled triangles

Solving Equations

Multiples and Factors

11

Compound Measures

Averages and the Range

DC3 Exams

Linear Graphs

Probability

Constructions

Constructing Graphs

Transformations

Volume and Surface Area

DC2 Exams

Angles and Bearings

Perimeter and Area

10

Percentages

DC1 Exams

Standard Form

Rounding and Error Intervals

Ratio and Proportion

Indices



Mathematics H

KS4 - Curriculum Roadmap

Paper 3 (Calculator)

Paper 1 (Non-Calculator)

DC3 Exams

Paper 2 (Calculator)

Targeted Feedback

Revision of Non-Calculator Arithmetic

Transformations of Graphs

Revision of Ratio

Revision of Quadratic Graphs

Constructions & Loci

DC2 Exams

Revision of Angles in Parallel Lines

Vectors

Conditional Probability

Iteration

Bounds and Compound Measures

DC1 Exams

Histograms, Cumulative Frequency and Box Plots

11

Proof

Functions

Arcs and Sectors

Transformations

Advanced Trigonometry

DC3 exams

Simultaneous Equations

Volume and Algebra

Circle Theorems

DC2 Exams

Graphs of Circles

Solving Quadratics

10

Similarities and Congruence

Shading Regions of Inequalities

DC1 Exams

Surds and Indices

Constructing Graphs

Estimating Gradient and Area under Curves