

Mathematics (Year 9)

Curriculum Map 2025-2026



Class work will be supported throughout by homework tasks, targeting both current topics being studied and retrieval opportunities from Year 7 and 8.

Enlargement & Similarity

Algebraic Representation

Quadratic graphs, other graphs; inequality regions

Rotation & Translation

Assessment 2

Readability

Relative frequency, expected outcomes; independent events

Pythagoras' Theorem

The identified key concepts are taught for depth both at **procedural knowledge** level but more importantly the **application** of these key skills

Blocks studied in Year 8 are the **key concepts** identified for a smooth key stage transition as we prepare for GCSE, as well as building upon the knowledge developed in Year 7 and 8.

Term 3

Formal assessment 2 feedback will be given and supported through bespoke intervention post assessment and inform further retrieval opportunities.

Numbers

Recap directed number, HCF & LCM, fractions and standard form

Using Percentages

Reverse percentage problems, expanding with repeated percentage

Maths & Money

Bank statements, interest, tax, exchange rates

Deduction

Chains of reasoning, angle problems with algebra

Solving Ratio & Proportion Problems

Direct and inverse; best buys; ratio and algebra

Rates

Speed; distance-time graphs; density; flow problems

Misconceptions from assessment 1 will inform part of retrieval work to further strengthen knowledge and skills.

Formal assessment 1 feedback will be given and supported through bespoke intervention post assessment.

Term 2

Flashback opportunities will further support the development of students' literacy base.

Assessment 1

Constructions & Congruency

Loci and bisectors; congruent triangles

Three Dimensional Shapes

Plans and elevations; surface area & volume

Testing Conjectures

Forming & Solving Equations

Unknowns on both sides; change the subject

Straight Line Graphs

Gradients & y-intercepts; real-life graphs

At the end of each block, students will complete a summative assessment to check knowledge and understanding, with the teacher providing opportunities to secure knowledge and understanding following these assessments.

Term 1

Flashback opportunities will inform part of retrieval work to further strengthen procedural knowledge base from Year 7 and 8.