

Year 10 Maths

Intent	Implementation	Impact
The Year 10 Mathematics curriculum is designed to consolidate and secure core mathematical skills through a mastery approach, ensuring students are well-prepared for the demands of GCSE. Most students follow a foundation-focused pathway to build fluency, confidence, and problem-solving ability across key topics. In each half of the year group, one class follows an extended curriculum aimed at achieving the highest GCSE grades, with greater depth and challenge. Importantly, students are not restricted to the foundation tier; those demonstrating the potential to achieve a grade 6 or above will be considered for the higher-tier paper in Year 11. The curriculum supports all learners in developing resilience, reasoning, and independence as they move toward final examinations	Students follow a mastery scheme of work focused on securing foundational skills and deepening understanding. One group per half cohort follows an extended curriculum to stretch high-attaining students toward top GCSE grades. Lessons include interleaved starters, CPA (Concrete, Pictorial, Abstract) representations, and reasoning tasks to address misconceptions and promote fluency. All students receive consistent teaching across the department, with embedded support and challenge. Study skills are developed through problem-solving, collaborative work, homework, and feedback. Assessment includes half-termly topic tests and three full sets of GCSE practice papers completed under exam conditions.	By the end of Year 10, students will: Demonstrate secure understanding of core GCSE content and exam techniques. Apply mathematical skills confidently across a range of contexts and question types. Show increased resilience, independence, and readiness for Year 11. Be able to identify areas for improvement and act on feedback effectively. High-attaining students will be equipped to access higher-tier content and pursue top GCSE grades.

Assessment

Assessment in Year 10 Mathematics is designed to monitor progress, inform teaching, and prepare students for final examinations. It includes:

Half-Termly Assessments: Topic-based tests used to track understanding and guide intervention.

GCSE Practice Papers: One full paper completed under exam conditions each half term, building exam familiarity and stamina.

Homework: Weekly tasks set via Hegarty or Sparx Maths, consistent with Year 9, to consolidate learning and promote independent practice.

Formative Assessment: Live marking, diagnostic questioning, and feedback sheets used regularly to support student reflection and improvement.

Students are supported in identifying gaps, improving their understanding, and developing exam readiness through structured