

Hazeley Sixth Form

Maths A level



EXAM BOARD: EDEXCEL

SPEC CODE: 9MA0

ASSESSMENT: EXAM

A-Level Mathematics provides a framework for students to continue their study of the subject beyond GCSE. It supports mathematical understanding across a wide range of other subjects and introduces new concepts, including calculus, that prepare students for a variety of higher education courses such as Mathematics, Computing, Engineering, Economics, Finance, and the Physical Sciences.

The course emphasizes the interconnected nature of mathematical ideas and demonstrates how mathematics can be applied to model real-world problems using algebra and other representations. It also covers essential statistical techniques and concepts, equipping students to interpret data, understand the physical world, and solve problems across a variety of contexts, including Social Sciences and Business.

Students taking A-Level Mathematics **must have a strong grasp of GCSE algebra topics**. This includes quadratic equations, simultaneous equations, factorising all types of quadratics, quadratic inequalities, curve sketching, gradients and equations of lines, sequences, and mathematical proofs.



Growing a vibrant community of exceptional people
by developing character, confidence, and creativity
by growing through taking part, volunteering, and getting to know ourselves and each other.

