

Hazeley Sixth Form

Maths A level



EXAM BOARD: EDEXCEL

SPEC CODE: 9MAO

ASSESSMENT: EXAM

A level Mathematics provides a framework for students to continue the subject beyond GCSE level. It supports their mathematical needs across a broad range of other subjects at this level. It introduces calculus and other important topics that help prepare students for a very wide range of higher education courses, including Mathematics, Computing, Engineering, Economics, Finance and Physical Sciences.

It emphasises how mathematical ideas are interconnected and how mathematics can be applied to model real-life problems, using algebra and other representations. It also covers the statistical techniques and concepts needed to make sense of data, understand the physical world and be able to solve problems in a variety of contexts, including Social Sciences and Business.

Students taking A-level Mathematics need a very good understanding of the algebra topics covered at GCSE. This includes quadratic equations, simultaneous equations, factorising all kinds of quadratics, quadratic inequalities, curve sketching, gradients and equations of lines, sequences and 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.

