



Madeley Academy Sixth Form

AGCE Mathematics

WHY MATHEMATICS?

Mathematics students at Madeley Academy will prepare themselves to move into Higher Education courses. The opportunities for students of Mathematics, on completion of full-time education, are enormous. It complements and supports other courses, for example: Physics, Chemistry, Design Technology and Business Studies.

Qualifications in Mathematics are acceptable as an entry to many different careers. The Mathematics AGCE course offered at Madeley Academy is designed to provide academic and vocational experiences. It will prepare students for their choice in both the world of work and Higher Education.

PROGRESSION

A Level Mathematics is required at the top universities to study Mathematics. Cambridge and Warwick Universities also require the Advanced Extension Award in Mathematics and/or Step Papers as part of their offers. These courses are offered to the most able mathematicians. A Level Mathematics is required to study Economics at university.

SPECIFIC ENTRY REQUIREMENTS

- Students must achieve a minimum of 6 GCSEs Grade A*- C including English and Mathematics
- Grade A in GCSE Mathematics (Higher Tier)

COURSE DETAILS

You will study Six Units as follows:

Core 1 - An Introduction to Advanced Mathematics

Core 2 - Concepts for Advanced Mathematics

Core 3 – Methods for Advanced Mathematics

Core 4 – Applications of Advanced Mathematics

Statistics 1 - AS Examination Unit

Statistics 2 – A2 Examination Unit

For more information please visit:
www.madeleyacademy.com



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