A Level 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 vast. 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 A Level course is designed to provide academic and vocational experiences.

PROGRESSION

A Level Mathematics is required at the top Universities to study Mathematics, Economics and Engineering. 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.

SPECIFIC ENTRY REQUIREMENTS

- Students must achieve a minimum of 4 GCSEs Grade A*- C plus English Language and Mathematics at Grade 4
- Grade 7 in GCSE Mathematics (Higher Tier)

COURSE DETAILS

From September 2017 A Level Mathematics introduces the new specification.

Typical content will include: mechanics, statistics, vectors, numerical solutions, integration, differentiation, functions and geometry.

For more information please visit:
www.madeleyacademy.com

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☎ **01952 527700 ex730**
or
🖥 **lholbrook@madeleyacademy.com**