

## Course Facts & Figures at a glance...

**Subject Leader**  
Mrs Connolly

**Course Title**  
AS & A-Level Mathematics

**QAN Code**  
100/3405/5

**Awarding Body**  
AQA

**Number of Units**  
3 per year

**Unit Titles**  
Core 1, Core 2, Core 3, Core 4,  
Decision 1, Statistics 1

**Number of Entrants**  
**Last Year**  
Y12: 16 Y13: 14

**Percentage Pass Rate**  
**Last Year**  
100%

**The A Level Mathematics course offers a progression of material through many levels. The subject criteria for Mathematics and the specification followed build on the knowledge, understanding and skills established at GCSE Mathematics.**

By studying Mathematics at A Level a student is encouraged to develop their understanding of mathematics and mathematical processes in a way that promotes confidence and fosters enjoyment.

Students can extend their range of mathematical skills and techniques and use them in more difficult unstructured problems.

The course aims to develop an understanding of coherence and progression in mathematics and of how different areas of mathematics can be connected.

Mathematics is an effective means of communication. Students will read and comprehend mathematical arguments and articles concerning applications of mathematics. They will acquire the skills needed to use technology such as calculators and computers.

An awareness of the relevance of mathematics to other fields of study, to the world of work and to society in general will be acquired. Students will be encouraged to take increasing responsibility for their own learning.

**Mathematics is seen as a foundation on which to build further and is looked on favourably by employers and educational establishments.**

An A Level in Mathematics is a tool for the future.

It can lead to careers such as Architecture; Accountancy; Astronomy; Actuary; Banking; Building Engineering; Chemical Engineering; Dentistry; Electrical Engineering; Finance; Medicine and Teaching.

*"Pure mathematics is, in its way, the poetry of logical ideas."*

Albert Einstein