

AS & A Level Mathematics

Mathematics

Course Facts & Figures at a glance...

Subject Leader

Miss Lee

Course Title

AS & A-Level Mathematics

QAN Code

TBC

Awarding Body

AQA

Course Content

Content will cover Core Maths and applied content from Statistics and Mechanics. Specific unit titles will be shortly issued by AQA.

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

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.