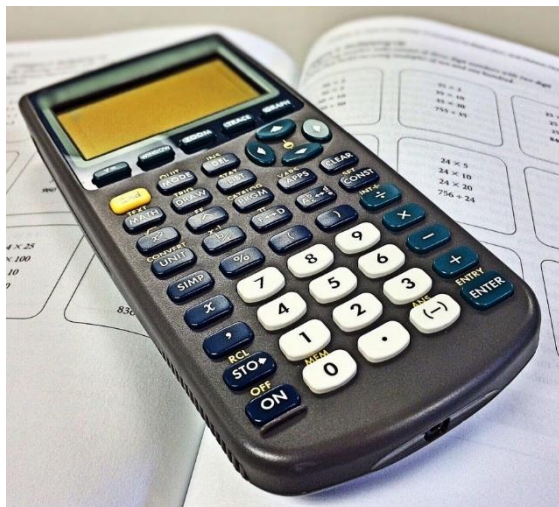




# Mathematics



## ***What our students say:***

“A level Maths is a subject that links in nicely with the other subjects I take (Physics and Product Design) and can be carried onto the course I want to take at University (Architecture). The skills that you develop are applicable to such a wide range of industries and jobs, from using specific formulae to the logical skills that are required throughout the course.”

## ***Entry Requirements:***

5 GCSEs graded 9 – 4, including English (grade 4+) and Mathematics (grade 6+).

## ***Exam Board and Specification Link:***

Edexcel A Level Mathematics, 9MAO: [Edexcel Mathematics specification](#)

## ***What will you study?***

The A level Mathematics course includes work on pure maths, statistics and mechanics.

## ***What skills will you develop?***

The key skills you will develop as part of your study of A Level Mathematics include: critical thinking, problem solving, analytical thinking, quantitative reasoning, constructing logical arguments and exposing illogical arguments and the ability to manipulate and present precise and intricate ideas.

## ***Why study this subject?***

Mathematics is a highly regarded A Level which complements science based subjects and offers a broad balance to arts based students. It requires a high degree of commitment in students from the start in year 12 and is of particular use to those thinking of higher education based in the sciences.

## ***How will you be assessed?***

There are 3 terminal papers, each of 2 hours in length on pure mathematics, pure mathematics 2 and a combined statistics and mechanics paper. All papers are equally weighted.

## ***Where can the subject lead?***

Mathematics A Level is valued by almost all institutions and can lead to a variety of courses. Recent studies have shown that those who have taken A Level Mathematics increase their earning potential, whatever their choice of degree.

## ***Contact Information***

For further information about this course, contact Martin Byford, Head of Mathematics, at: [mbyford@chenderit.net](mailto:mbyford@chenderit.net)