

AS and A2 Mathematics

Board and Syllabus

The A level (now to be called Advanced GCE) courses we follow are taken from the Edexcel Modular examinations. We offer both Mathematics and Further Mathematics.

Nature and Content of the Course

Mathematics

This is taught in eight periods per week, by two teachers. Three modules are taken during the first year enabling candidates to reach the AS level in the subject. These will normally be modules in Pure Mathematics and Statistics. During the second year of the course a further two modules in Pure Mathematics and others in Mechanics or Statistics are taken.

Further Mathematics

This can only be taken in conjunction with Mathematics. It is for the brightest candidates who will be able to cope with the extra demands of the syllabus. The two subjects are taught together in fourteen periods per week by three teachers. The modules for Mathematics are the same as for the single subject; the other six modules consist of three Pure Mathematics modules and three made up of a combination taken from Mechanics, Statistics and Decision Mathematics. The combination eventually produces grades in two AS levels and two A levels. This course is particularly suitable for able students aiming to study Mathematics and other mathematically rich courses such as Physics, Electronics and Engineering.

There is no coursework required for these courses.

Combinations

Mathematics can be sensibly combined with most subjects, but is most often combined with Physics or Chemistry. A good result in Mathematics is counted as a good qualification for almost any university degree and career.

General

All six members of the Maths Department teach A level. As mentioned above, all students are taught by two different mathematicians; three for Further Maths candidates.