Callington Community College Sixth Form
'Getting the most from our Sixth Form learners'

A Level Mathematics

What you will learn:	A Level Units *Pure Mathematics and Mechanics *Pure Mathematics and Statistics *Pure Mathematics and Comprehension
Elements of the course:	Mathematics is not only beautiful in its own right but it is also a subject that underpins many other branches of learning. Through the Advanced Mathematics modules the course aims to build upon skills and techniques studied at GCSE and further extend the topics of trigonometry, coordinate geometry and algebra. It also lays the foundations for new concepts such as calculus and logarithms. Real life scenarios are investigated within Statistics and Mechanics, where students can make links to economics and physics and turn their learning into reality.
Where could it take me?	An A Level in Mathematics is highly regarded by the majority of employers and universities, precisely because of the demands it makes and the skills it develops. Many A Level Maths students do not of course go on to use their qualification directly, yet a 2002 survey found that an A Level in mathematics in itself led to salaries 8% higher than those of young people with otherwise similar backgrounds, by the mid-twenties. Some go straight into employment, with fields such as accountancy offering very viable careers straight from a Maths A Level, with prospects comparable with those of graduates. Because the A Level is comparatively demanding, increasing numbers do go on to degree courses, some of which involve numerate disciplines while many do not: the skills learned are highly transferable.
Assessment:	All units are assessed at the end of the course by means of examinations. There is no coursework

Entry Requirements

Minimum Required:	Grade 6 or above in GCSE Mathematics. **Standard Sixth Form entry requirements.**
Preferred Requirements:	Grade 7 or above in GCSE Mathematics.
Special Requirements:	Due to the nature of the course an enjoyment of Algebra is essential!