EXCEPTIONAL TEACHING EXCEPTIONAL EXPERIENCE MATHEMATICS



Launceston Sixth

Subject Information
For admissions in September

Mathematics

Exam Board: AQA

Specification Link: https://www.aqa.org.uk/subjects/mathematics/a-level/mathematics-7357/specification/specification-at-a-glance

Topic Descriptions: The mathematics course is designed to develop mathematical argument, language, proof, problem solving and modelling. The pure mathematics topics are proof, algebra and functions, coordinate geometry in the (x,y) plane, sequences and series, trigonometry, exponentials and logarithms, differentiation, integration and vectors. The statistics topics are statistical sampling, data presentation and interpretation, probability, statistical distributions and statistical hypothesis testing. The mechanics topics are kinematics, forces and Newton's laws of motion and moments.

Assessment:
You will sit three two hour exams at the end of Year 13 with the content split as follows: Paper 1 Pure Mathematics, Paper 2 Pure Mathematics & Mechanics and Paper 3 Pure Mathematics & Statistics.

Entry Requirements: To study A-Level Mathematics you must have achieved at least a grade 6 in GCSE mathematics. It is strongly recommended you have a good understanding of the algebra topics.

Possible Progression Routes: A-level Mathematics is a good choice for students considering higher education in any science or maths-based course ranging from: biochemical sciences, natural sciences, engineering, medical science, psychology, philosophy, economics, accountancy, management and actuarial science.

Equipment Required: You will need a graphical calculator (£100-£120 estimate) and two course textbooks costing about £25 each. You may choose to buy a revision guide (£25 estimate) to support you further. These can be purchased through the school to keep costs down and you may be able to use a bursary.

Subject Contact: Mrs Sally Sparks
ssparks@launcestoncollege.uk

How to Apply:

To apply to Launceston Sixth please complete our online application form: www.launcestoncollege.uk/sixth-form
Our admissions team will then be in contact to arrange a Sixth Form interview to discuss your options, your aspirations, and to provide advice and guidance on your next steps.

If you cannot access the website, or would like to submit a paper based application please email or call.

ldavey@launcestoncollege.uk

Further details about all of the courses we offer can be found on our website