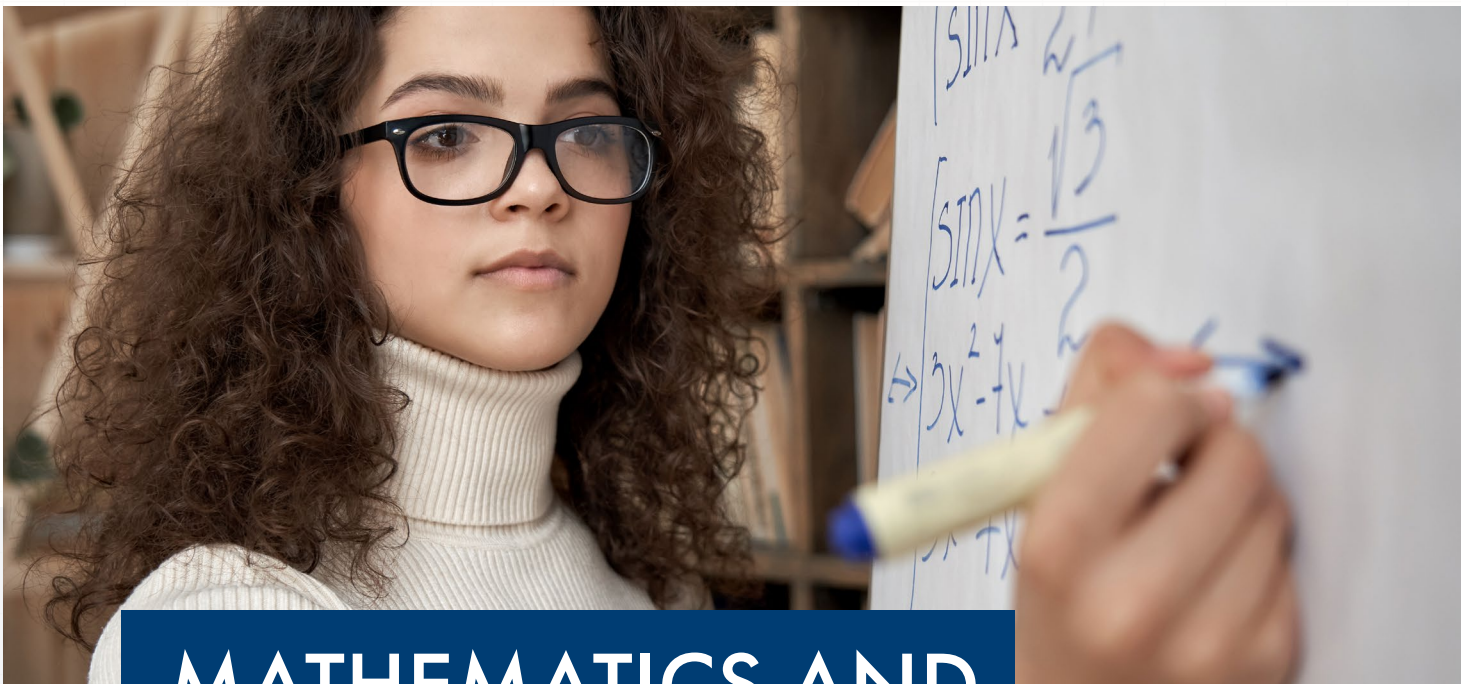




MATHEMATICS AND FURTHER MATHEMATICS

A Level

Course Outline

The course builds on knowledge and skills developed at GCSE. There is a sufficient range of topics to allow schools to devise courses to suit the varied requirements of a broad range of students. Students who successfully complete the course will have a suitable basis for progression to further study in Mathematics or related subjects, or directly into employment.



Further Mathematics

This course offers you the opportunity to study a second A Level Mathematics course and is taken together with the single Mathematics A Level. This is an extremely demanding course and you should have demonstrated a very high level of competency at GCSE level and be recommended by your school.

This course enables you to broaden your study of Mathematics and provides an excellent background for studying Mathematics, Science subjects or Engineering at university.



Useful skills and experience

You need a strong understanding of Algebra and algebraic techniques. You should recognise how a situation may be represented mathematically and understand the relationship between 'real world' problems and mathematical models. You should be interested in taking more responsibility for your own mathematical development. A Bridging Course will be held in June or July to help make the transition to A Level easier.



Assessment

You will be actively involved in individual and class work. Lessons will encourage questioning, problem solving and require a thorough work ethic. Assessment is Linear and the content in both Mathematics and Further Mathematics is divided into Pure and Applied aspects of Mathematics.



Where could this subject take me?

Mathematics will give you an excellent grounding for any subject and is itself a prerequisite for many. As a degree course in its own right it offers excellent employment prospects.



Exam Boards and Specification

edexcel



Entry Notes

Mathematics: Grade 7 in GCSE Mathematics.

If you achieve a high 6 in your GCSE and have a strong desire to study Maths, you can request to take an assessment to have a place on the course.

Further Mathematics: Must also be studying A Level Mathematics.



Complementary Subjects

• Physics • Chemistry • Computer Science



Related Additional Activities

UK Maths Challenge
Maths Team Challenge



What our students say

"I enjoyed the Mathematics course as it covers a wide range of topic areas.

Maths and Further Maths provides the variety and depth required for the opportunistic individual."

