

A LEVEL COMPUTER SCIENCE

For more information please see Mr Lea

For whom is this course suitable?

The A Level Computer Science qualification is suitable for anyone who is looking to develop an advanced understanding of all aspects of computer science and programming. You will get the opportunity to apply your programming skills to real-world situation and problems.

If you are interested in working in any area of computer science, including programming, or want to study a computer science related degree at university, this could be a good choice for you.

You will need to have gained at least a grade 6 in GCSE Computer Science to follow the A Level Computer Science course.

This qualification is not just about being able to use computers. Employers need people who are able to help them develop digital solutions for their customers. Therefore, this qualification is designed to give learners a range of specialist computer science knowledge.

What will I learn on this course?

The A Level Computer Science course will allow you to ...

- Think creatively, innovatively, analytically, logically and critically
- Apply skills in and an understanding of computing (including programming) in a range of contexts to solve problems
- Delve into producing graphical user interfaces and object-orientated programming solutions

Through the creation of a programming project, you will have the opportunity to create a substantial piece of software using modern design methods and, guided by teachers, they will look to display their skills and talents.

A Level Computer Science is assessed through two written exams (each worth 40%) and a Programming Project (worth 20%). There is one re-sit opportunity for this subject.

What could I do at the end of my course?

Learners could progress onto a Level 4 apprenticeship in any computer science related area, university or employment.