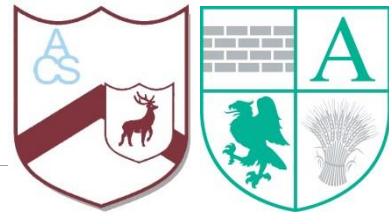


A Level Computer Science



Type of qualification: A Level

Level of course: 3

Description:

A Level Computer Science is a qualification to inspire and challenge students to apply the knowledge they gain with the creative and technical skills they acquire.

Some of the key benefits of Computer Science specifications:

- The qualifications will be focused on programming, will build on our GCSE Computing and emphasise the importance of computational thinking as a discipline.
- There will be an expanded maths focus, much of which will be embedded within the course.
- The ICT content of the new specifications will be appropriate to a Computer Science qualification.
- Computational thinking will be at the core of the new specifications.

How is the course assessed?

The two year A Level will consist of three components, two of which will be externally marked question papers making up 80% of the qualification. The other 20% will be the coursework project, which will be focused on coding and programming.

Additional Information:

Computer Science is a practical subject where students can apply the academic principles learned in the classroom to real-world systems. It's an intensely creative subject that combines invention and excitement, that can look at the natural world through a digital prism.

This Computer Science qualification values computational thinking, helping students to develop the skills to solve problems, design systems and understand the power and limits of human and machine intelligence.

The A level course would suit students who would like to go on to study Computer Science at university or at higher level in an FE college, and would also provide a good grounding for those studying other subject areas that require computational thinking and analytical skills.