

Why pick computer science?

We are currently living in the digital age; Computer Science will help you learn about critical thinking, analysis and problem solving. These skills can be developed further and transferred to other subjects in everyday life.

What are the main things I will study in Y9?

- Develop their understanding of current and emerging technologies and how they work.
- Look at the use of algorithms in computer programs.
- Acquire and apply creative and technical skills, knowledge and understanding of IT in a range of contexts.
- Develop computer programs to solve problems.
- Evaluate the effectiveness of compute programs, the solution and the impact of computer technology in society.

Who is this course best suited to?

- Students who are seriously considering a career in computer system development, computer programming or computer game development.
- Students wishing to pursue Computing at A Level or in their chosen career field.
- The course has been structured so that the first year will prepare learners by covering some content of the GCSE Computer Science course. This will provide a firm foundation before progressing onto the GCSE Computer Science course in Year 10.
- The GCSE course is designed to provide learners with a broad understanding of the world of Computer Science and encourage them to develop computational thinking, algorithm and programming skills.

When I get into Y10 and Y11, what is the structure of the course and the assessment?

Written Examination (100% of the final mark)

There are two written examinations at the end of the course each worth 50%. These examinations are intended to test the knowledge and understanding acquired during the period of the course. One exam is undertaken at the end of year 11 covering a wide range of computer science theory and concepts. You also to have to program in paper 2

What careers or further study can I go on to if I take this course?

Science will help you move on to an A Level Computer Science course. These courses, in turn, can lead you on to a degree course in a computer related subject. You would then have the opportunity to take up a career as a programmer, software engineer, systems analyst, games developer, network manager or even help to develop the technologies of the future.