

Computer Science

Qualification:
GCSE (9-1)

Is this course for me?

The course is designed to develop valuable thinking and programming skills that are extremely attractive in the modern workplace. It also aims to give a deep understanding of computational thinking and how to apply it using the Python programming language.

It is a rigorous and academic subject, hence qualifies as an EBacc qualification. It can be challenging and requires a high level of study commitment. Girls often underestimate their abilities in computing and it is a government target for more to study this.

What does the course involve?

Conducting an in-depth understanding of how computer technology works and a look at what goes on 'behind the scenes'. As part of this you will investigate computer programming, which many learners find fascinating.

For many, it will be a fun and interesting way to develop these skills, which can be transferred to other subjects and even applied in day-to-day life. In this way, the course will stimulate interest and engagement with technology and technology-related careers.

How will my work be assessed?

- 40% "Computer systems" - written examination.
- 40% Computational thinking, algorithms and programming - written examination.
- 20% Programming project v 20 hour Non-Exam Assessment (NEA)

What courses can this lead to in Post-16?

This is an excellent stepping stone into any course particularly an A level computing course. The emphasis on problem solving and logic makes this a good pathway into a range of A level courses that require these qualities for success as well as the BTEC Level 3 course in ICT.

For more details please contact:

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Web page:

<http://www.ocr.org.uk/qualifications/gcse-computer-science-j276-from-2016/>