

Course Title: Computer Science

Course Code/Codes: J277

Examining Body: OCR

What is the aim of this course?

During this course you will learn about theoretical aspects of computer systems. You will work with a range of software applications, planning tools and specialist programs to help you develop the understanding required to be successful on this course. You will focus on computational thinking, algorithms and programming as well as submitting a piece of controlled assessment for a programming project.

Why should I choose this course?

This course will provide you the opportunity to further develop a range of computational skills and fuel your passion for computer science. You will have the opportunity to think creatively, innovatively, analytically, logically and critically. You will also develop an understanding of the impacts digital technology has on an individual and to the wider society.

How will I be assessed?

Component 1: Computer systems

- Written exam: 1hr 30mins
- 50% of qualification

Component 2: Computational thinking, algorithms & programming

- Written exam: 1hr 30mins
- 50% of qualification

Note: Pupils will be required to complete a series of programming tasks throughout the course.

Is this course for me?

Do you... have practical skills? Portray a 'can-do' attitude? Enjoy being creative? Have the confidence to tackle and solve problems? Enjoy working in a team? Display initiative to source materials and determination and drive to become a keen computing pupil? If you answered 'Yes', then the computer science course is right for you.

Possible career opportunities

There are a range of career choices open to you should you decide to continue your education in computer science. These include:

- Web designer
- Network manager
- IT manager
- Computer programmer
- Games developer
- Systems analysts
- Cloud Engineer
- Specialist computing teacher



Computer Science
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