switched on

Is this for me?

This course is for students who have an interest in Computer Science because they are thinking of undertaking a career in this field or feel this may enhance their STEM skills and knowledge.

If becoming a software creator, as opposed to a user of technology, is of interest to you then this course may be one you choose to study at A level.

COMPUTER SCIENCE

Entry Requirements:

Students should have an ICT or Computer Science based qualification and a Grade 6 in Maths. It is advisable that you have a computer at home so that you can develop your programming skills. This is an academic course with some practical work.

What will I do?

Students follow the OCR Computer Science syllabus.

SUBJECT CONTENT

1 Fundamentals of programming

2 Fundamentals of data structures

3 Systematic approach to problem solving

4 Theory of computation

5 Fundamentals of data representation

6 Fundamentals of computer systems

7 Fundamentals of computer organisation and architecture

8 Consequences of uses of computing

9 Fundamentals of communication and networking

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