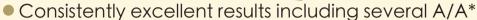
Why you should study...

A-Level Computer Science at Christ the hing College



- Specialist A-Level teachers Broad and up to date content to prepare you for the future
 - Great subject links, can complement other A-Levels including Maths and Further Maths
 - Broad range of well paid career paths in one of the fastest growing fields
- Excellent university and apprenticeship opportunities
- Technology is everywhere, and computer science gives you the chance to learn the skills that will shape the future. From finance to healthcare, these skills are in high demand.

Contact:

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To undertake this course. students will require a GCSE in Mathematics recommended at Grade 6 or above (however individual exceptions may be made). An enjoyment of problem solving and an ability to think logically through a problem are beneficial when undertaking this course.



Paper 1:

Fundamentals of programming Fundamentals of data structures Fundamentals of algorithms Theory of computation



Paper 2:

Fundamentals of data representation
Fundamentals of computer systems
Fundamentals of computer organisation
and architecture

Consequences of uses of computing Fundamentals of communication and networking Fundamentals of databases

Big Data

Fundamentals of functional programming Systematic approach to problem solving

