

Computer Science A Level

Exam Board: AQA Computer Science

The AQA specification puts computational thinking at its core, helping students to develop the skills to solve problems, design systems and understand human and machine intelligence.

The key features of the course are:

- emphasis on problem solving using computers
- emphasis on computer programming and algorithms
- emphasis on the mathematical skills used to express computational laws and processes e.g. Boolean algebra / logic and algorithm comparison

A Level Assessment

Component	Assessment	Weighting	Duration
Paper 1 Emphasis on algorithms and programming	Externally marked paper	40%	2 hr 30 mins
Paper 2 Emphasis on computer systems	Externally marked paper	40%	2 hr 30 mins
Non-exam assessment	Internally assessed	20%	

Entry requirements

There is a much greater emphasis on maths and problem solving for this new specification and students must have at least a grade 6 in Maths or a 6 in Computer Science (If studied) at GCSE.

Students should be aware that there is a clear pathway from GCSE computer science to A level and having gained a GCSE in the subject is an advantage but not necessary.

For more information, help or advice about Computer Science A Level contact:

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