

# GCSE Computer Science Examination Information

## Course Overview:

### Subject content

- 3.1 Fundamentals of algorithms (page 10)
- 3.2 Programming (page 11)
- 3.3 Fundamentals of data representation (page 18)
- 3.4 Computer systems (page 22)
- 3.5 Fundamentals of computer networks (page 27)
- 3.6 Cyber security (page 29)
- 3.7 Relational databases and structured query language (SQL) (page 31)
- 3.8 Ethical, legal and environmental impacts of digital technology on wider society, including issues of privacy (page 33)

Subject	Exam board	Exam Board Specification Title	Link to specification
GCSE Computer Science	AQA	COMPUTER SCIENCE (8525)	<a href="#">Specification</a>

## Assessment:

Paper 1: Computational thinking and programming skills
<b>What's assessed</b>  Computational thinking, code tracing, problem-solving, programming concepts including the design of effective algorithms and the designing, writing, testing and refining of code. The content for this assessment will be drawn from subject content 3.1 and 3.2 above.
<b>How it's assessed</b> <ul style="list-style-type: none"><li>• Written exam</li><li>• 2 hours</li><li>• 90 marks</li><li>• 50% of GCSE</li></ul>

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## Questions

A mix of multiple choice, short answer and longer answer questions assessing programming, practical problem-solving and computational thinking skills.

## Paper 2: Computing concepts

### What's assessed

The content for this assessment will be drawn from subject content 3.3 to 3.8 above.

### How it's assessed

- Written exam
- 1 hour 45 minutes
- 90 marks
- 50% of GCSE

### Questions

A mix of multiple choice, short answer, longer answer and extended response questions assessing SQL programming skills and theoretical knowledge.