

## Subject: Computer Science

**Exam board:** OCR (J276)

### Topics:

#### Component 01: Computer Systems

Central Processing Unit  
Computer memory and storage  
Wired and wireless networks  
Network topologies  
Systems security  
System software  
Ethical, legal, cultural and environmental concerns

#### Component 02: Computational thinking, algorithms and programming

Computational thinking  
Algorithms  
Programming techniques  
Producing robust programs  
Computational logic  
Translators and data representation

#### Component 03: Programming project

Analyse, design, code solutions and test functionality for a given problem

### Exam summary:

#### Written exams:

Computer systems	50%	1hr 30mins
Computational thinking, algorithms and programming	50%	1hr 30mins

### Useful websites:

[BBC Bitesize](#)

[Exa Courses](#)

[Cambridge Elevate](#)

### Where can I find copies of past papers and mark schemes?

Past papers from the old GCSE Computing course are available from the [OCR website](#).

There are no past papers for the current GCSE Computer Science course.

### Any other useful information:

Revision guides are available to buy from your teacher for GCSE Computer Science.