



Computer Science & Media Faculty

Computer Science GCSE

Head of Faculty: Mr Fryer





Computer Science (9-1) - J277

Course Content Information

Exam board: OCR

Course: Computer Science (9-1) - J277

Exam Papers:

Component 1 – Computer systems

80 Marks Available

1 hour 30 mins

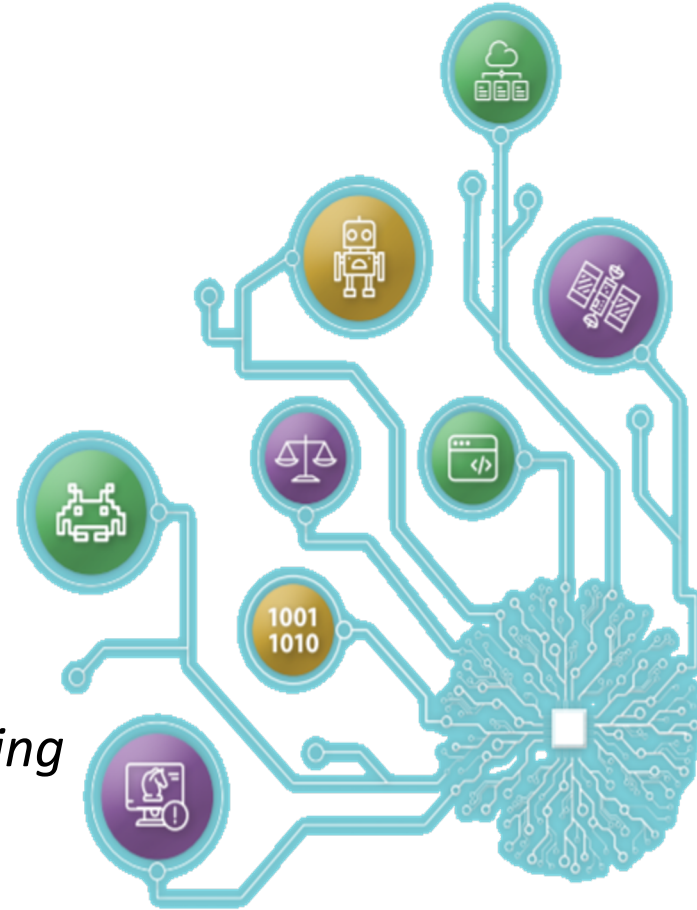
50%

Component 2 – Computational thinking, algorithms and programming

80 Marks Available

1 hour 30 mins

50%





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What to expect on this course?

J277/01: Computer systems

This component will assess:

- 1.1 Systems architecture
- 1.2 Memory and storage
- 1.3 Computer networks, connections and protocols
- 1.4 Network security
- 1.5 Systems software
- 1.6 Ethical, legal, cultural and environmental impacts of digital technology

J277/02: Computational thinking, algorithms and programming

This component will assess:

- 2.1 Algorithms
- 2.2 Programming fundamentals
- 2.3 Producing robust programs
- 2.4 Boolean logic
- 2.5 Programming languages and Integrated Development Environments





Just a snippet of what to expect



Computer Science – Possible future careers

Leading Computer Science careers:

- Programmer
- E-commerce / Web developer
- Systems analyst
- Database developer
- Software developer / tester
- Data scientist.
- Web developer.
- Product manager.
- Network architect.

Working for people like...





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Further information

If you have any questions please contact: Mr Fryer

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For further course information:

www.ocr.org.uk/qualifications/gcse/computer-science-j277-from-2020/

Or if you are interested in the content:

https://www.youtube.com/c/craigndave/playlists?view=50&sort=dd&shelf_id=2





National Careers Service

This link will take you to a government website that is designed to help you explore careers.

<https://nationalcareers.service.gov.uk/>

Have a look at careers you are interested and what advice they give you about possible GCSEs and A-levels you should be interested in.

