

Revision Topics and Resource

GCSE Computer Science

Exam board: OCR



**Blatchington
Mill School**
Involvement, Achievement & Care

1. Topics - Full Syllabus

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 ✓✓

Written paper: 1 hour and 30 minutes

50% of total GCSE

80 marks

This is a non-calculator paper.

All questions are mandatory.

This paper consists of multiple choice questions, short response questions and extended response questions.

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 ✓✓

Written paper: 1 hour and 30 minutes

50% of total GCSE

80 marks

This is a non-calculator paper.

This paper has two sections: Section A and Section B. Students must answer both sections.

All questions are mandatory.

In Section B, questions assessing students' ability to write or refine algorithms must be answered using **either** the OCR Exam Reference Language **or** the high-level programming language they are familiar with.

For any enquiry on GCSE Computer Science please email rahmad@blatchingtonmill.org.uk

2. Revision Material and Past Exam Paper - Bottom of Google Classroom

Roomee Ahmad posted a new material: Unit 2 - Past Exam Paper
7 Sept

Roomee Ahmad posted a new material: Unit 1 - Past Exam Paper
7 Sept

Roomee Ahmad posted a new material: Revision Material Unit 2
7 Sept (Edited 21 Sept)

Roomee Ahmad posted a new material: Revision Materials Unit 1
7 Sept

3. Resources

Google Classroom

<https://classroom.google.com/c/Mzc3NzU1MDY1NTQ3>

Computer Studies - 11A
21-22 11A/Cp1

<https://classroom.google.com/c/Mzc3NzU1MDY1NTQ3>

Computer Studies - 11C
21-22 11C/Cp1

Seneca Learning

<https://www.senecalearning.com/>

Computer Science: OCR
GCSE

GCSE POD

<https://www.gcsepod.com/>

Welcome back Mr Ahmad
Logout

Computer Science

Exam Board

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BBC Bitesize

<https://www.bbc.co.uk/bitesize/examspecs/zmtchbk>

BBC Truth News

Bitesize

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Computer Science

Part of Computer Science