



Computer Science

Term: Autumn
Year: 2020/2021
Teacher: Mr. Tanoli (Head of Subject)



Textbook title:
GCSE Computer Science for OCR Student Book (Optional)

What will we be covering this term?

1st Half Term:

- **Computer Systems Part 1 (Hardware)**

2nd Half Term:

- **Computer Systems Part 2 (Software)**

There will be an end of term exam based on what students have covered this term.

Teacher's Marking Key:

Mark code	Meaning
EBI	Even better if
www	What went well
Red Pen	Teacher Marked
Green Pen	Self-mark/ Student corrections
Numberd Marks	Graded marking



How will my child be assessed this term?

The Computer Science Department will employ a number of strategies and techniques to assess your child's progress.

- Pupils' learning will be assessed in lessons via selective questioning and student participation.
- Homework will form a key part of students' learning and a useful tool for assessing students' progress.
- Pupils will sit regular tests (End of Topic tests, End of half term test and End of Term test).

There will be at least 2 assessed pieces this term.

In more detail;

At the end of the term there will summative exam that will test their knowledge for what they've covered during the course of the entire term.

How can I help my child in this subject?

- Ensure homework is complete; you can track students' homework assignments at <https://www.showmyhomework.co.uk>
- Encouragement, praise, ensuring that they do their homework; and checking their student planner.
- Encouraging them to read around the subject.
- Their notes must be in order; discipline is essential.

Resources

Cambridge GCSE Computer Science for OCR Student Book

OCR GCSE (9-1) Computer Science

CGP GCSE Computer Science OCR Complete Revision & Practice - Grade 9-1

Collins Grade 9-1 GCSE Computer Science OCR All-in-One Complete Revision and Practice

Communications

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact us at the school from 9.00-15:00 if you have any questions or concerns.



Websites

<http://www.gcsecs.com/>
<https://www.bbc.com/bitesize/subjects/zvc9q6f>

E-Safety

<https://www.bbc.com/bitesize/topics/z67ncdm>

Scratch

<https://code.org/learn>
<https://scratch.mit.edu/>

Flow Charts

<https://www.bbc.com/bitesize/guides/z3bq7ty/revision/3>

Hardware

<https://www.bbc.com/bitesize/guides/zxb72hv/revision/1>
<http://www.bbc.co.uk/schools/gcsebitesize/ict/hardware/>

Algorithms, Binary and Hex

<https://www.bbc.com/bitesize/guides/z3bq7ty/revision/1>
<https://www.bbc.com/bitesize/guides/z26rcdm/revision/1>
<https://www.advanced-ict.info/interactive/binary.html>
<https://www.calculator.net/hex-calculator.html>

Networks

<https://www.bbc.com/bitesize/guides/zc6rcdm/revision/1>
<https://www.bbc.com/bitesize/guides/zh4whyrc/revision/6>

Python

<https://www.bbc.com/bitesize/guides/zts8d2p/revision/1>

Logic gates

<https://www.bbc.com/bitesize/clips/zwmf34j>
<https://www.advanced-ict.info/interactive/boolean.html>

E-SAFETY





Computer Science

Term: Spring
Year: 2020/2021
Teacher: Mr. Tanoli (Head of Subject)



Textbook title:
GCSE Computer Science for OCR Student Book (Optional)

What will we be covering this term?

1st Half Term:

- **Computer Systems Part 3 (Networks and Security)**

2nd Half Term:

- **Computer Systems Part 4 (Ethics and Legal)**

There will be an end of term exam based on what students have covered this term.

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Flow Charts

<https://www.bbc.com/bitesize/guides/z3bq7ty/revision/3>

Hardware

<https://www.bbc.com/bitesize/guides/zxb72hv/revision/1>
<http://www.bbc.co.uk/schools/gcsebitesize/ict/hardware/>

Algorithms, Binary and Hex

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<https://www.bbc.com/bitesize/guides/z26rcdm/revision/1>
<https://www.advanced-ict.info/interactive/binary.html>
<https://www.calculator.net/hex-calculator.html>

Networks

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<https://www.bbc.com/bitesize/guides/zh4whyc/revision/6>

Python

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Logic gates

<https://www.bbc.com/bitesize/clips/zwmf34j>
<https://www.advanced-ict.info/interactive/boolean.html>

E-SAFETY





Computer Science

Term: Summer
Year: 2020/2021
Teacher: Mr. Tanoli (Head of Subject)



Textbook title:
GCSE Computer Science for OCR Student Book (Optional)

What will we be covering this term?

1st Half Term:

- Computational Thinking, Algorithms & Programming 1

2nd Half Term:

- Programming 2

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E-SAFETY