

## Computer Science

### Teachers email addresses:

Miss Deavall, Subject Leader: [deavall@biddulphhigh.co.uk](mailto:deavall@biddulphhigh.co.uk)

Mrs Sharrock: [sharrock@biddulphhigh.co.uk](mailto:sharrock@biddulphhigh.co.uk)

Mr Kenny: [kenny@biddulphhigh.co.uk](mailto:kenny@biddulphhigh.co.uk)

Mrs Moss: [moss@biddulphhigh.co.uk](mailto:moss@biddulphhigh.co.uk)

Mrs Atkin: [atkin@biddulphhigh.co.uk](mailto:atkin@biddulphhigh.co.uk)

\*Please ensure you use your school email address to email teachers. They will not be able to respond to personal email addresses\*

### Year 9

For students that have chosen Computer Science as a GCSE option:

- Online coding practice (use Python as chosen language):
  - <https://codecombat.com/>
  - <https://www.learnpython.org/>

For all other students:

- Log into the Students Working From Home portal (Sharepoint) and go to ICT & Computer Science / Year 9 / "Festival Tasks" or click on [Instructions](#) for the Biddulph Music Festival design project.
- Hand in to your teacher's Y9 folder on [Sharepoint](#)

### Year 10

Work to be completed:

- Online coding practice (use Python as chosen language):
  - <https://codecombat.com/>
  - <https://www.learnpython.org/>
- Log into the Students Working From Home portal (Sharepoint) and go to ICT & Computer Science / Year 10 Computer Science
- Complete these [practice coding tasks](#)
- [Topics covered this year](#) use this list to revise the highlighted topics using the suggested revision websites below and by completing questions in the [workbooks](#). Also complete the tasks on Seneca learning (see class code below).
- To hand in work: [Mrs Sharrock](#) or [Miss Deavall](#)

[Link to the specification](#) J276 OCR Computer Science

[Past papers](#)

Suggested text books and revision guides:

- [CGP Revision guide and workbooks New Grade 9-1 GCSE Computer Science OCR Revision Question Cards](#) Product code: COF41 ISBN: 9781789084016
- [New Grade 9-1 GCSE Computer Science OCR Revision Question Cards](#) Product code: COF41 ISBN: 9781789084016
- [GCSE Computer Science for OCR Student Book](#) Author: David Waller (Author) and Ann Weidmann ISBN: 9781316504031 Publisher: Cambridge University Press Date: April 2016

Suggested websites for revision:

[Craig n Dave](#) YouTube videos on every section of the specification

[ReviseComputerScience](#) Free "Lite" version or £5 for "Premium" subscription

[Seneca Learning](#): Log in using the class code to see tasks set.

- Mrs Sharrock's class code: c3j3h35wfa

## Year 11

Dates of external examinations:

1. Computer Systems - Monday 11<sup>th</sup> May 2020 AM
2. Computational thinking, algorithms and programming – Thursday 14<sup>th</sup> May 2020 PM

[Link to the specification](#) J276 OCR Computer Science

[Revision topic list](#)

[Past papers](#)

Log into the Students Working From Home portal (Sharepoint) and go to ICT & Computer Science / Year 11 Computer Science to access the following:

[Workbooks](#) with questions and mark schemes

[Class PowerPoints](#) and [booklets](#)

[Knowledge Organisers](#)

Hand-in folder for work to be marked

- [Mrs Moss](#)
- [Mrs Sharrock](#)

Suggested text books and revision guides:

- [CGP Revision guide and workbooks](#) [New Grade 9-1 GCSE Computer Science OCR Revision Question Cards](#) Product code: COF41 ISBN: 9781789084016
- [New Grade 9-1 GCSE Computer Science OCR Revision Question Cards](#) Product code: COF41 ISBN: 9781789084016
- [GCSE Computer Science for OCR Student Book](#) Author: David Waller (Author) and Ann Weidmann ISBN: 9781316504031 Publisher: Cambridge University Press Date: April 2016

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[Seneca Learning](#): Log in using the class code to see tasks set.

- Mrs Moss’ class code: dlInnsxiqXh
- Mrs Sharrock’s class code: wqglzluve3

## Year 12

[Specification](#)

[Past papers](#)

### **Mrs Moss**

Revise for your Y12 examination – use your notes, class PowerPoints, past papers, use the suggested websites.

Log into the Students Working From Home portal (Sharepoint) and go to ICT & Computer Science / Year 12 Computer Science to access the following:

[Revision List](#)

[Class PowerPoints](#) and tasks

[ComputerScienceUK](#) PowerPoints, workbooks, questions and answers

[Hand-in folder](#) for work to be marked

### **Mrs Sharrock**

[Class Powerpoints](#)

[ComputerScienceUK](#) PowerPoints, workbooks, questions and answers

[Hand-in folder](#) for work to be marked

Suggested text books:

- AS/A Level Computer Science for OCR Student Book, Author:Alistair Surrall and Adam Hamfleet ISBN: 9781108412711 Publisher: Cambridge University Press Date:October 2017
- OCR AS and A Level Computer Science, Author: PG Online Ltd ISBN:978-1-910523-05-6 Publisher: PG Online Ltd Date: September 2016

Suggested websites for revision:

[Craig n Dave](#) YouTube videos on every section of the specification

### Year 13

Dates of external examinations:

1. Computer systems - Monday 1<sup>st</sup> June 2020
2. Algorithms and programming – Tuesday 9<sup>th</sup> June 2020

Revise for your examinations – use your notes, class PowerPoints, past papers, use the suggested websites.

[Specification](#)

[Past papers](#)

#### **Mrs Moss**

Revision List – see pages 12-18 of the Specification (above)

[Class PowerPoints](#) and tasks

[ComputerScienceUK](#) PowerPoints, workbooks, questions and answers

[Hand-in folder](#) for work to be marked

#### **Mrs Sharrock**

Revision List – see pages 12-18 of the Specification (above)

[Class PowerPoints](#)

[ComputerScienceUK](#) PowerPoints, workbooks, questions and answers

[Hand-in folder](#) for work to be marked

Suggested text books:

- AS/A Level Computer Science for OCR Student Book, Author:Alistair Surrall and Adam Hamfleet ISBN: 9781108412711 Publisher: Cambridge University Press Date: October 2017
- OCR AS and A Level Computer Science, Author: PG Online Ltd ISBN:978-1-910523-05-6 Publisher: PG Online Ltd Date: September 2016

Suggested websites for revision:

[Craig n Dave](#) YouTube videos on every section of the specification