



IT/Computing @ Wyke



W3Schools

To help you prepare for your course please explore some of the free W3Schools tutorials ([W3Schools Online Web Tutorials](https://www.w3schools.com/)). Some of the following would be particularly useful:

- Learn HTML
- Learn CSS
- Learn JavaScript
- Learn Python

A screenshot of the W3Schools website. The top navigation bar includes "Tutorials", "References", "Exercises", and "Videos". The main content area is titled "Tutorials" and is divided into four columns: "HTML and CSS", "JavaScript", "Server Side", and "Data Analytics". Each column lists various tutorial topics. The "JavaScript" column also includes a "Programming" sub-section. The "Server Side" column includes a "Web Building" sub-section. The "Data Analytics" column includes an "XML Tutorials" sub-section. The website has a dark theme with yellow and white text.

Collect screen shot evidence (in a Word document) of your progress.

BBC Bitesize

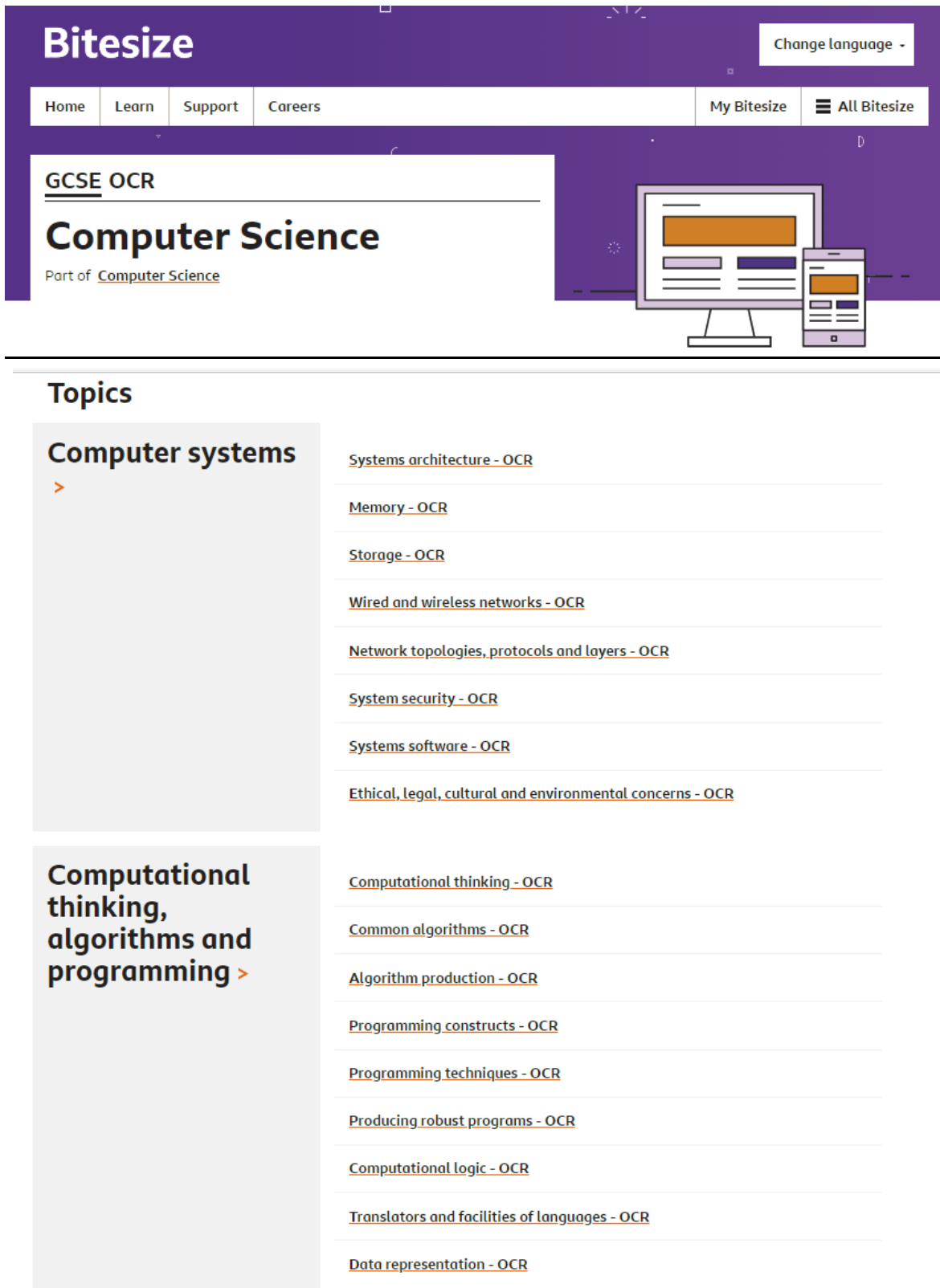
Using BBC Bitesize is a good way of bridging between School and College. It will give you some useful knowledge in relation to the basic concepts of Computer Science.

Please visit the BBC Bitesize website:

[GCSE Computer Science - OCR - BBC Bitesize](#)

Here you will find various revision exercises, videos and tests for you to explore.

Please address the following topics and collect screen shot evidence (in a Word document) of your test results:



Bitesize Change language -

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GCSE OCR

Computer Science

Part of [Computer Science](#)

Topics

- Computer systems** >
 - [Systems architecture - OCR](#)
 - [Memory - OCR](#)
 - [Storage - OCR](#)
 - [Wired and wireless networks - OCR](#)
 - [Network topologies, protocols and layers - OCR](#)
 - [System security - OCR](#)
 - [Systems software - OCR](#)
 - [Ethical, legal, cultural and environmental concerns - OCR](#)
- Computational thinking, algorithms and programming** >
 - [Computational thinking - OCR](#)
 - [Common algorithms - OCR](#)
 - [Algorithm production - OCR](#)
 - [Programming constructs - OCR](#)
 - [Programming techniques - OCR](#)
 - [Producing robust programs - OCR](#)
 - [Computational logic - OCR](#)
 - [Translators and facilities of languages - OCR](#)
 - [Data representation - OCR](#)