



# IT/Computing @ Wyke



## W3Schools

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

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

A screenshot of the W3Schools website's navigation menu. The page has a dark blue background with white text. At the top left is the W3Schools logo. To its right are navigation links: "Tutorials" (with an upward arrow), "References" (with a downward arrow), "Exercises" (with a downward arrow), and "Videos". On the far right are icons for a home page, a globe, a search icon, and a "Pro" badge with a "NEW" label. Below the navigation is a large "Tutorials" section with four columns of links. The first column is "HTML and CSS" with links like "Learn HTML", "Learn CSS", "Learn RWD", "Learn Bootstrap", "Learn W3.CSS", "Learn Colors", "Learn Icons", "Learn Graphics", "Learn SVG", "Learn Canvas", "Learn How To", and "Learn Sass". The second column is "JavaScript" with links like "Learn JavaScript", "Learn jQuery", "Learn React", "Learn AngularJS", "Learn JSON", "Learn AJAX", "Learn AppML", and "Learn W3.JS". The third column is "Server Side" with links like "Learn SQL", "Learn MySQL", "Learn PHP", "Learn ASP", "Learn Node.js", "Learn Raspberry Pi", "Learn Git", and "Learn AWS Cloud". The fourth column is "Data Analytics" with links like "Learn AI", "Learn Machine Learning", "Learn Data Science", "Learn NumPy", "Learn Pandas", "Learn SciPy", "Learn Matplotlib", "Learn Statistics", "Learn Excel", and "Learn Google Sheets". Below these are "XML Tutorials" with links like "Learn XML", "Learn XML AJAX", "Learn XML DOM", "Learn XML DTD", "Learn XML Schema", "Learn XSLT", "Learn XPath", and "Learn XQuery". A "Web Building" section is also present with links like "Create a Website" (with a "NEW" badge), "Where To Start", "Web Templates", "Web Statistics", "Web Certificates", "Web Development", "Code Editor", "Test Your Typing Speed", "Play a Code Game", "Cyber Security", and "Accessibility".

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

# BBC Bitesize

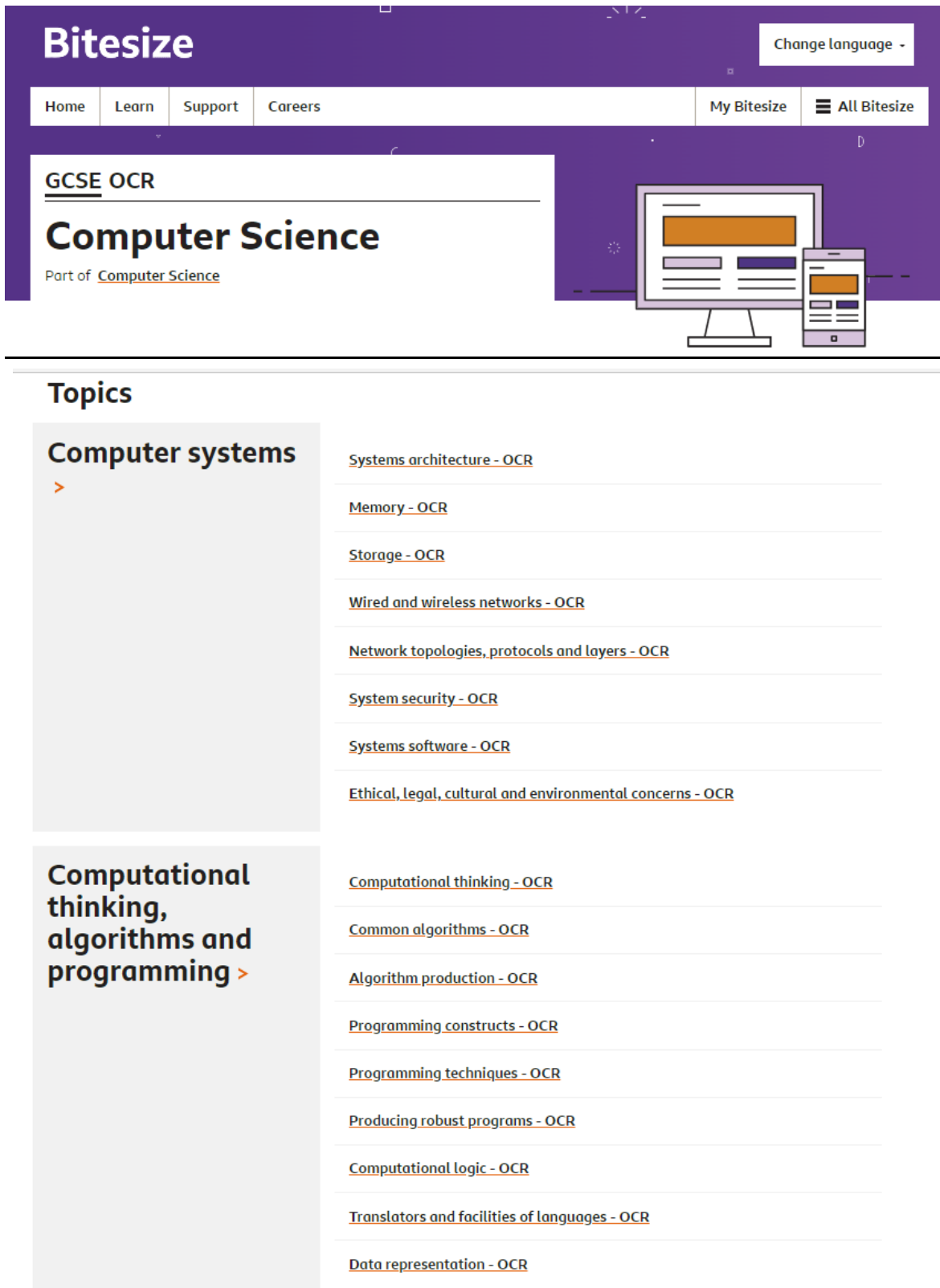
Using BBC Bitesize is a good way of bridging between School and College. It will give you some useful knowledge in relation to the basic concepts of Computer Science.

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 -

Home Learn Support Careers My Bitesize All Bitesize

**GCSE OCR**

**Computer Science**  
Part of [Computer Science](#)

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## 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](#)