

Home Study & Independent Learning Parental Support Information

This document is designed to support the parents to help their child, it is not intended to detail Assessment Criteria from a specification etc... It is simply an overview of content and the skills and resources that parents and students need to be successful in this year and subject.

Course information

Year: 9 Subject: Computer Science & IT

Subject	Computer Science	Subject leader contact information	Mr S Clawson sclawson@cottesloe.bu cks.sch.uk
Examination Board	N/A	Specification Code	N/A

Subject Content

During year 9 we touch on the core elements of all three computing courses offered at YR10. This includes ESafety, looking at the use of social media, Creative iMedia, where we will be looking at creating digital products, Computer Science, where we study coding and the way computers function and Information Technologies, where we look at the use of computers to develop and support businesses.

Should you wish to take any of these subjects further into Year 10 you will gain invaluable background knowledge in this year to support your progress.

Additional Equipment Needed (Ingredients, headphones, PE kit, etc.)

What else could parents/carers buy?

- *Python installed on a suitable computer (or a computer with a web browser for Trinket)*
- *Earphones for videos.*

Assessment Details:

This is **not** the specification.... Simply a **very brief overview** and then the more important...

Assessment will be via written exam paper and a practical element based on a programming task.

To be successful students will need to be able to:

- *Think creatively to find the best solution to a given problem*
- *Show resilience when working with products that may not always work first time*
- *Be prepared to experiment with a number of ideas before selecting the best*
- *Enjoy the challenge of creating computer code, digital products and solutions.*
- *Be ambitious about the way you can shape future technology*

What can I do to support my child at home?

Specific advice for parents... what can they do to help us?

- *Keep abreast of technology news - we will often discuss this in the class.*
- *Consider signing up for CoderDojo or other computing groups*
- *Encourage coding and experimentation with code at home*
- *Provide access to the internet to help with homework*
- *Consider having access to a BBC Microbit, Raspberry Pi or other low cost programmable computer to help provide access to different coding projects.*

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- Encourage the use of the internet to solve problems and check information.

Recommended resources for the course:

What can the parents purchase/find to help their child?

Websites: https://www.teach-ict.com/gcse_new.html

<http://www.learnitwithdavo.co.uk/>

<https://www.computingatschool.org.uk/>

Books:

Apps: *If you know of any that are useful*

Teaching Staff Contact Details

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Additional Information:

Is there anything that you think that is important that hasn't been covered?