

Computer Science

Accelerator pack | Summer 2017

Your Teachers

Mr Andrews | MJA@leventhorpe.net

Exam Board: OCR

Website: www.ocr.org.uk

Course Specification: <http://www.ocr.org.uk/Images/170845-specification-accredited-as-level-gce-computer-science-h046.pdf>

Summer prep work

It's important that you start the course with a sound understanding of computer programming principles.

Codecademy (www.codecademy.com) is an excellent place to learn and develop programming skills. All of the courses on the website are relevant to your studies as a Computer Scientist. However, good starting points are the JavaScript and Python courses.

TASK 1 | Complete at least one of the courses on Codecademy

In class we will do the majority of our programming in Visual Basic. As such, you will need to familiarise yourself with the language. The following tutorials will help develop your understanding of the language.

- Getting Started with Visual Basic: <https://msdn.microsoft.com/en-us/library/dd492171.aspx>
- Visual Basic for Absolute Beginners: https://mva.microsoft.com/en-US/training-courses/visual-basic-fundamentals-for-absolute-beginners-16507?l=iqMOvLKbC_9206218965
- Various Visual Basic project tutorials: <http://www.tutorialspoint.com/listtutorials/visual-basic/1>

TASK 2 | Complete the attached Introduction to Visual Basic (Activity Workbook)

Your success in AS/A Level Computer Science is dependent on your determination and perseverance with independent study.