A-level Computer Science

What is Computer Science?

A <u>theory-based</u> course for people who want to understand how computers work and develop their own programs.

Why study Computer Science?

- Because it's one of the most challenging yet *rewarding* A-levels you can take

- Teaches you how to build useful things and solve difficult problems

- You get to be creative. Many of the world's most successful entrepreneurs have been able to combine a strong computing background with creativity

- Highly valued by universities

- Computer Science students have *amazing* job prospects

- Average salary for Computer Science: **£52,500**

Units

A-Level	
Paper 1 – Fundamentals of programming, data structures, algorithms, theory of computation	On-screen exam *40%*
Paper 2 – Fundamentals of data representation, computer systems, networking, databases, big data, functional programming	Written exam *40%*
Non-Exam Assessment (NEA) – assesses student's ability to use the knowledge and skills gained through the course to solve or investigate a practical problem	Practical project *20%*

Want to know more?

- Talk to a Computing teacher
- Read the syllabus: http://is.gd/aqacomp
- E-mail: owen.hawkridge@chauncy.org.uk *(Head of Computing)*