Computer Science

Department of **Computing**

A theory-based 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
- Highly valued by Universities
- Computer Science students have amazing job prospects

Units

AS	
Paper 1 – Fundamentals of programming, data structures, algorithms, theory of computation	On-screen exam 1:30 hrs (50%)
Paper 2 – Fundamentals of data representation, computer systems, networking, databases, big data, functional programming	Written exam 1:30 hrs (50%)
A-Level	
Paper 1 – Fundamentals of programming, data structures, algorithms, theory of computation	On-screen exam 2:30 hrs (40%)
Paper 2 – Fundamentals of data representation, computer systems, networking, databases, big data, functional programming	Written exam 2:30 hrs (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	NEA (20%)

Want to know more?

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