## Computer Science

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,	On-screen
algorithms, theory of computation	exam
	1:30 hrs
	(50%)
Paper 2 – Fundamentals of data representation, computer	Written exam
systems, networking, databases, big data, functional	1:30 hrs
programming	(50%)
A-Level	
Paper 1 – Fundamentals of programming, data structures,	On-screen
algorithms, theory of computation	exam
	2:30 hrs
	(40%)
Paper 2 – Fundamentals of data representation, computer	Written exam
systems, networking, databases, big data, functional	2:30 hrs
programming	(40%)
Non-Exam Assessment (NEA) – assesses student's	NEA
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ability to use the knowledge and skills gained through the	

## Want to know more?

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