Subject: Computing

Qualification: GCSE

Exam Board: OCR

Specification Code: J277

Who is the course for?

This is a modern and up to date course which is suitable for those with an interest in technology (in a general sense), problem solving and understanding how computers and related technologies work. If you would like to learn how to think critically and you are looking for a subject where you can exercise some creativity then Computing could be for you.

What will I learn?

You will start by learning how to code in at least two textual languages whilst learning about algorithms and problem solving techniques (prior experience in coding is helpful but not essential). From here, you will commence the first theory unit, "Computational Thinking" where you will learn about how data is represented on a computer and essentially how your computer actually works. The second theory unit, "Computer Systems", complements this learning and focuses on introducing the various hardware and software components of a computer system, explaining how they work and the tasks they perform. There is also a running theme of computer security and ethical/moral implications of computing in society throughout all units.

Summary:

* Unit 1: Computer systems

* Unit 2: Computational thinking, algorithms and programming theory

How will I be assessed?

2 x External examinations (Computer Systems & Computational Thinking) = 100%

1 x Non exam assessment (Programming Project) = Mandatory but not assessed

The non exam assessment allows the practise of skills which are assessed in the examinations.

This qualification is graded on the 9-1 scale.

How can I progress with this qualification?

QEGS

GCSE
Computing

QEGS Sixth Form

A Level
Computing

The future:
University, College, Web design/developer, graphic artist, animator, product developer, database developer, software developer, account manager, project manager, programmer & more