

COMPUTER SCIENCE

The Year 9 Computer Science course at Queenswood is designed to give you a taste of what to expect in the GCSE. If you enjoyed using the programming language Python and have an interest in developing your coding skills, this is the right course for you. Logical thinking, problem solving and a good ability in maths are also desirable attributes. The Computer Science GCSE is a two year course designed to develop your practical coding skills as well as learning the theory behind how computers work.

At Queenswood we follow the AQA GCSE course consisting of two exam papers and one coursework task:

Paper 1: Computational thinking & Problem solving (50%)

Paper 2: Theoretical Knowledge (50%)

- The subject content covered in these papers includes: algorithms, programming, data representation, computer systems, computer networks, cyber security, software development and ethical, legal and environmental impacts on society.

Coursework : Programming Project

- This involves the practical development of a computer program along with the programming code itself which has been designed, written and tested by the student to solve a problem.

Computer Science is one of the fastest developing areas in the UK. There are numerous and varied career opportunities within this industry. In addition many skills covered in the course such as logic and problem solving would be useful in all career paths. Please also note that GCSE Computer Science is a requirement if you wish to take the subject as an A-Level.