

Year 11

What will I learn?

- Network topologies and protocols
- Wired and wireless network components and security
- Ethical, legal, cultural and environmental concerns
- Translators and facilities of programming languages
- Project management and effective report writing.

How will I be assessed?

During the year your progress will be assessed through a series of module tests and programming tasks.

Formal assessment of the GCSE will be completed during the year as follows:

- Programming project non examination assessment. A programming project completed over 20 hours of controlled lesson time during year 11. The assessment will be based on a project report which will document your analysis, design, testing and implementation of a system to resolve a given scenario
- Computer Systems examination. A 1 hour 30 minute written paper of 80 marks taken at the end of year 11. This is focused on assessing your understanding of the theory of computing science
- Computation thinking, algorithms and programming examination. A 1 hour and 30 minute written paper of 80 marks taken at the end of year 11. This is focussed on assessing your ability to demonstrate your understanding of programming techniques and computational logic.

How will I be taught?

The teaching style will create a balance between hands-on experience and the need to spend time away from the computer to develop ideas and discuss current developments.