Computer Science

**COURSE CONTENT:**

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| **Unit 1 – Principles of Computer Science** | **Unit 2 – Application of computational thinking** |
| ● Topic 1: Computational thinking  ● Topic 2: Data  ● Topic 3: Computers  ● Topic 4: Networks  ● Topic 5: Issues and impact | This paper will assess Topic 6: Problem solving with programming |

A computer science poster with a city skyline

AI-generated content may be incorrect.

Exam Board

Specification

Edexcel

GCSE Computer Science (9-1)

**Assessment Details**

In class formative assessments take place at the end of each topic, with summative assessments at the end of each term. Pupils are expected to practice their programming skills on a fortnightly basis by completing programming activities for homework to develop their algorithmic thinking skills.

Computer Science has a broad range of vocabulary that pupils must learn to spell, define and apply accurately in their verbal and written responses.

**Final Examinations**

2 exams to be taken in May/June 2027

Each exam is out of 75 marks and accounts for 50% of the grade

Unit 1 assesses the pupils principle knowledge of Computer Science.

Unit 2 assesses the pupils programming skill. Pupils complete a set of practical programming assignments in exam conditions.

The final grade is awarded based on the result of both marks combined

**Skills/Aptitudes Required for Success**

Problem solving/Resilience

Team work

Independent thinking

Good communication

Pupils who enjoy maths and science will succeed in this subject

**Staff Contact for Further Information**

Mrs McGloin – Assistant Headteacher – Teaching and Learning