

# Computer Science

**Qualification:** Computer Science (9-1)  
**Exam Board:** OCR  
**Level of Achievement:** Level 1/2 - Pass, Merit, Distinction

**For more information speak to:**

Mrs Asgar

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## What will I learn?

This qualification will encourage students to:

- Understand and apply the fundamental principles and concepts of Computer Science, including abstraction, decomposition, and logic, algorithms, and data representation
- Analyse problems in computational terms through practical experience of solving problems, including designing, writing and debugging programs
- Think creatively, innovatively, analytically, logically and critically
- Understand the components that make up digital systems
- Understand the impacts of digital technology to the individual and to wider society
- Apply mathematical skills relevant to Computer Science
- Undertake a programming task (in python or Java script)

## How will I be assessed?

Your course is made up of two units:

- **Unit 1:** Computer Systems (50% - exam)
- **Unit 2 :** Computational thinking, algorithms and programming (50% - exam)

## Future opportunities

### Key Stage 5:

- AS LEVEL Computer Science
- A LEVEL Computer Science
- Cambridge Technical IT Level 2 & 3

### Career & Progression:

- University
- IT Employment
- Apprenticeship

