

# SUBJECT:

# GCSE COMPUTER SCIENCE

Head of Department: Mr Steed

Cambridge  
National Certificate  
Exam Board: OCR

## COURSE DESCRIPTION

Thinking of a career as a game's developer? Or maybe somebody who designs websites? Or apps? Then Computer Science is the course for you.

The qualification will build on the knowledge, understanding and skills established through the Computer Science elements of the Key Stage 3 programme of study. It will allow you to understand and apply the fundamental principles and concepts of Computer Science,

including abstraction, decomposition, logic, algorithms, and data representation.

It will allow you to analyse problems in computational terms through practical experience of solving such problems, including designing, writing and debugging programs. As well as understand the components that make up digital systems, and how they communicate

with one another and with other systems.

## Subject Teachers

Mr Steed  
Mr Birkett

## Assessment

### Component 1

**Computer systems (01)**

**1 hour 30 mins exam**

**50 %**

## Assessment

### Component 2

**Computational thinking, algorithms and programming (02)**

**1 hour 30 mins exam**

**50 %**

## Higher Education Courses/Careers

Software Developer  
Applications Programmer  
Systems Programmer

Multimedia Programmer  
Systems Analyst Computer Sales Support Database  
Administrator IT Technical Support Officer

