**COMPUTER SCIENCE DEPARTMENT**



## Staff

The Deputy Headteacher has overall responsibility for the deployment and development of Computer Science for management, administration and whole school curriculum purposes.

The Computer Science department is a team of four highly qualified teachers. There is a core of experienced teachers and a variety of ages. The department is recognised by the Senior Leadership Team as being a model for cooperative teamwork and strong teaching. It is a highly effective department with outstanding results and a rich extra-curricular programme including KS3 clubs and relevant trips. In the past year 23% of pupils at GCSE received a grade 7 or above and 82% obtained a good pass (4+). All our Computer Science A Level students achieved a grade of C or above and 73% were awarded grade A\* or A with a number receiving offers from competitive universities (Russell Group, Oxbridge etc.) to take Computer Science courses at degree level.

There may be opportunities for the successful candidate to take on additional responsibilities. The ability to develop resources and pedagogy in Computer Science at KS4 and KS5 would be an advantage.

In addition, the school has two IT technicians who maintain the computer workstations and other hardware. The school also subscribes to outsourced network management for to facilitate the resolution of more complex issues.

### Accommodation

All teachers have their own dedicated Computer Science room with ample student desktop computers and all classrooms have interactive whiteboards and excellent access to the Wi-Fi. In addition, all students have their own Chromebook which they bring to every lesson.

### Resources

All computers are networked and have access to the same desktop, software and broadband Internet connections. The school uses a mixture of Google Chrome and Microsoft products for word processing, spreadsheets, databases, presentations and desktop publishing software. In addition, we have networked major software including a range of computer programming languages plus a full Adobe Suite for media work. The Computer Science department has a developed dedicated Google Drive supporting all taught Computer Science courses. All staff, parents and students have access to Google Classrooms and Google Apps so that resources can be read, retrieved and edited out of school hours.

### Curriculum Provision

The school offers discrete Computer Science lessons to all students in Years 7, 8 and 9. At KS4 we offer OCR GCSE Computer Science (9-1). Results at KS4 are always above the national average and reflect the high quality of teaching from colleagues.

In Years 12 and 13, the provision is OCR A-Level Computer Science. A popular student choice, often in combination with Maths, Further Maths and Physics.

## Extra-Curricular

The school runs after-school Computer Science catch-up clubs for students in Years 10 and 11. In addition we run a KS3 Computer Science club.

### Letter of Application

In the letter of application, which should not exceed two sides of A4, candidates should, amongst other points, describe their approach to the teaching of Computer Science.