

RANGE HIGH SCHOOL

Computer Science Department

The Computer Science department is a well led and forward-thinking department. We aim to provide a broad and balanced curriculum that challenges and best prepares all students for their next learning phase. We pride ourselves on providing an engaging environment that is well resourced that encourages student's creativity.

Computer Science is taught in mixed ability groups across Key Stage 3. At Key Stage 4, the department offers OCR GCSE Computer Science and OCR Cambridge National Creative iMedia Level 1/2. At Key Stage 5, the department offers OCR A Level Computer Science and Pearson BTEC National Extended Certificate in Digital Content Production Level 3.

The department is made up of 4 passionate and experienced teachers and 2 highly skilled technicians. The department has 5 computer labs and each has a projector and whiteboard installed. Each computer lab uses Impero classroom management software. The school currently uses Windows 10, Office 2016 and Adobe Creative Suite. The school uses ClassCharts and Google Classroom for home learning.

The department offers a range of enrichment activities to students. This includes a Computer Science lunchtime club that is available to all students. Recently, our sixth form students visited Alton Towers to research their IT infrastructure. We have also recently took part in the CyberFirst Girls Competition and are currently taking part in a Gender Balance in Computing project funded by the department for Education. We are looking to increase the number of enrichment activities in the future.

Rob Cadwell

Curriculum Area Leader for Computer Science

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