



ICT, computing and business studies department - outline of provision

The ICT, computing and business studies faculty is currently staffed by three, full-time, specialist teachers and one part-time teacher. Brockington is a Computing at School (CAS) lead school and contributes to local CAS activities. All our teaching takes place in specialist rooms which are equipped with desktop PCs and an interactive whiteboard with projector. The ICT, computing and business department believes that all students should learn how to operate safely and effectively in an increasingly digital world with an understanding of how to use technology to improve our lives. We want to prepare all students with the knowledge, skills and understanding to pursue the pathway that they desire.

Computer science is currently delivered via a combination of discrete lessons in years 7 to 9, together with cross curricular ICT work in other subject areas in Key Stage 3 (KS3). The college operates a two-week timetable and all students in KS3 receive one lesson per week, whilst students in years 10 and 11 that have selected an option within the faculty, receive five lessons per fortnight. From September 2021, students who opt for a course at KS4 will be taught three times a week.

KS3 students cover a wide variety of topics including e-safety and cybercrimes, data representation, digital imaging, programming and computational thinking. Students are assessed regularly using a variety of methods, including formal end of unit tests, timed tasks and projects.

ICT facilities include:

- four core ICT suites with 32 computers in each
- bookable ICT, such as laptops or the library with a class set of computers, available to all subject areas
- wireless coverage across the college for access wherever it is needed
- interactive whiteboards
- a range of specialist, subject-specific software.

At Key Stage 4, students can opt for a combination of courses which the department offers. The department offers three options routes at Key Stage 4:

- GCSE Computer Science
- OCR Creative iMedia
- GCSE Business Studies

Although we have detailed schemes of work and suggested lesson plans and resources, they are flexible so that each member of the department can adapt these so that the most suitable pedagogy can be used in order for students to make good progress. It is expected that the successful applicant will contribute to the work of the department through the sharing and planning of resources and developing computer science at Key Stage 4, in particular.

All members of the faculty are involved in meetings, preparation and follow-up work to evaluate and improve on content knowledge, pedagogical knowledge and teaching practice. Teachers are required to teach across the age and ability range to maximise their professional development and to contribute to greater job satisfaction.

The school has an excellent learning support department and teachers work closely with teaching assistants to ensure dedicated high-quality provision for students with additional learning needs.

For any teacher wanting to join a department where they will feel supported, challenged and inspired, the Brockington ICT, computing and business studies faculty is the perfect fit, and we welcome applications from all colleagues who believe in the ethos and vision of our school.