ST COLUMBA'S COLLEGE
COMPUTER SCIENCE

Philosophy

The Department challenges each student to become enthusiastic about Computing and to become aware of the necessity of the subject in the work place and to realise the potential in the subject. High levels of achievement are based upon quality teaching, high expectations and the encouragement of each individual. Our aim is that students should become comfortable and confident in the mastery of everyday programs, and in their application. We believe that computing is central to education not only for its essential usefulness, but because it both trains the mind and can be enjoyable for its own sake. Students with particular aptitude and interest in the subject are encouraged and strongly supported to progress, via success at GCSE and A-level, to study the subject in Higher Education as a main or supporting course.

Teaching Programme

The Department believes in the practical approach to teaching in order to provide mastery of the subject. Success depends upon careful monitoring of the ability of each student and the pace at which he progresses. Students all study computing on a weekly timetable throughout key stage three.

Students can take a GCSE in Computer Science as one of their options in Form 4 and Form 5 (Year 10 & 11). The subject has proved to be a popular option amongst the boys.

In the Sixth Form, the A-Level courses in Computer Science have also proven to be increasingly popular.

Personnel

Each member of the Department is highly qualified. All full-time staff teach groups within Key stages 3 and 4 and at A-Level, teaching is dependent upon experience and qualifications.

Facilities

Computing lessons are taught in a suite of classrooms that are situated on the first floor in the heart of the main school building; classrooms have interactive whiteboard facilities. The Department is well resourced with a variety of materials to include various software packages.

Appointment

This is an outstanding opportunity to work in one of the most successful Departments in the College.