

# ICT/Computing

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**GEORGE  
SALTER  
ACADEMY**

## Overview

Our vision is to develop the students into creative thinkers that are safe users of ICT.

As a department, our desire is to educate today's people for tomorrow's technology.

## Study Support

The department offers a wide range of opportunities in order for all students to engage actively, to have exciting experiences and fulfil their potential within the subject at all key stages. There are homework clubs at lunch times and booster sessions to support students with their studies.

## What the students say about the department

"I really enjoy coding my own programs in lessons" [MZ]

"My favourite part of the course was creating my own videogame using Scratch and Codu" [TS]

## Contact

Ms J. Davoile (Head of Enterprise), e-mail: [j.davoile@georgesalter.com](mailto:j.davoile@georgesalter.com)

## Key Stage 3 (Years 7 and 8)

During Key Stage 3 students develop a range of ICT and Computer Science skills, involving spreadsheets, databases, presentations, graphics, website design and multimedia as well as computer systems, computer programming and game designing. At the end of Year 8 they complete a project to consolidate and apply the skills they have learnt over the course of the two years.

### Year 7

E-Safety, Control Systems, Computer programming (basic), Spreadsheets and understanding Computer Systems.

### Year 8

Website design, Computer systems, Computer programming (Intermediate), Text-based programming, Spreadsheets, Creativity project.

## Trips

Our students have had the opportunity to be involved on a trip to the ThinkTank in Birmingham, where they experienced computer animation and Lego robots programming during practical workshops delivered by specialists.

## Special Project

Students have the opportunity to take part in the Computer Science club that allows learners to explore programming and to complete projects related to game designing as well as robotics.

## Key Stage 4 (Years 9, 10 and 11)

Currently, Key Stage 4 students follow the European Computer Driving Licence qualification developing Key Skills needed in the work place.

Students can also choose a GCSE in Computer Science (OCR) as an option from year 9. This is made up of two written exams (80%) and a non-exam assessment (20%).

### Year 9

ECDL: using spreadsheets, creating presentations and word processing documents.

Computer Science: understanding computer systems

### Year 10

ECDL: improving productivity

Computer Science: computational thinking

### Year 11

Computer Science: algorithms and programming, programming projects

	2013	2014	2015
GCSE	14% A*-A 44% A*-B 68% A*-C 100% A*-G	35% A*-B 70% A*-C; 100% A*-G	31% A*-B 74% A*-C; 100% A*-G

## Key Stage 5 / Post-16

The new BTEC Extended Certificate in Information Technology uses a combination of assessment styles to give students confidence which they can apply to succeed in the workplace – and have the study skills to continue learning throughout their career. The range of vocational assessments – both practical and written – means learners can showcase their learning and achievements to best effect when taking their next step in IT, whether that's supporting applications to higher education courses or to potential employers.

Students will become advanced users of the Microsoft Suite as well as other multimedia products. Students will develop their skills in project planning, identifying user needs, testing and the product cycle.

Exam results	2013	2014	2015
Applied ICT A-Level	44% A-B; 88% A-C; 100% A-E	21% A-C; 100% A-E	34% A-C; 97% A-E