

BUSINESS, COMPUTING, MEDIA AND LAW DEPARTMENT

Overview

The department is very well resourced and benefits from a recent £250,000 plus upgrade in equipment. It has 6 dedicated ICT rooms, each with a teacher computer, interactive whiteboards and 30 student computers which run up to date, industry standard software including Microsoft office and the Adobe suite. Three of the rooms are large, dual purpose classrooms which have desk space for 24 students and two of the rooms have air conditioning. It is a successful department, with an excellent record of results. We work very much as a team and have a particular focus on improving thinking skills.

Curriculum Summary

KS3 - In KS3 students learn about all aspects of computer science from what to find under the hood of a computer and how to think like a computer scientist to developing their own webpages and programs from the ground up. Here is a breakdown of some of the topics we cover:

Year 7: Two hours per fortnight

Topics include: Under the hood of a computer | Think like a computer scientist | Drawing and manipulating shapes

Creating an animation | How the web works | Web page creation from the ground up | Designing for HCI | Programming a calculator | Programming a quiz

Year 8: Two hours per fortnight

Operating systems | The command line | Binary | Instruction set design | Connecting to the Internet
Programming using selection | Sorting algorithms | Developing a program | Recursive patterns

Year 9: Two hours per fortnight

Cracking the code | Representing sounds | Databases | Searching | Networks | Scripting
Digital circuits | Computer architecture | Creating an app | Learning Python

As of this year, we have introduced enterprise and life skills to the curriculum which enables students to learn about the world of business and practical life skills, such as applying for a job and creating a C.V

KS4 - In KS4 we offer a range of optional courses, including both GCSE and vocational, that meet the needs of all our students. The KS4 courses are across the subject computing, media and business

GCSEs: Five hours per fortnight

Computing (OCR) | Business Studies (EDEXCEL)

Vocational courses: Five hours per fortnight

Enterprise & Marketing (OCR Cambridge National) | Creative iMedia (Cambridge National)

KS5 - In KS5 we offer a range of popular subjects including both A Level and vocational.

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A Level courses: 10 hours per fortnight

A Level Business Studies (AQA)

A Level Law (AQA)

Vocational courses: 10 hours per fortnight

ICT (Cambridge Technical)

Creative iMedia (Cambridge National)

Student Performance Summary 2017 results:

GCSE Business Studies

- 100% Pass Rate

A Level Business

- 100% Pass Rate
- 80% A* - C

Cambridge Nationals in ICT

- 74% Pass Rate
- 3% Distinction

Cambridge Nationals in Creative iMedia

- 72% Pass Rate
- 9% Distinction

Cambridge Technicals in ICT

- 100% Pass Rate
- 100% Distinction