

# ICT Department Summary

Welcome to the ICT department at Sandy Upper School. ICT is a fast moving area and Sandy ICT department offer an exciting curriculum that prepares our students for the technology of tomorrow.



## Year 9 - Key Stage 3

All year 9 students undertake a series of lessons based on the AQA GCSE Business and Communications Systems syllabus. This is taught as an alternative to the standard KS3 syllabus which is normally delivered to year 9 students. This gives the opportunity for some students to undertake the full examination and gain an accredited GCSE at the end of year 9.

Scan this QR code with your smartphone to find out more about our year 9 curriculum.



## Year 10 & 11 - Key Stage 4

The BTEC Level 2 ICT Certificate curriculum has been developed to build on the work completed in year 9. This qualification is equivalent to two GCSE's.

Students carry out a range of tasks that have been designed to recognise their achievements in a modern, practical way that is relevant to the workplace.

They undertake units in: Using ICT to present information, Website development, Computer systems, Computer games development and ICT Graphics.

Scan this QR code with your smartphone to find out more about our year 10&11 curriculum.



## Sixth Form - Key Stage 5

In sixth form we offer the BTEC Level 3 Subsidiary Diploma in IT, equivalent to one A Level. This gives students more advanced ICT skills in many different aspects of ICT, as well as preparing them for employment in the IT industry or more to higher education.

Communication & employability skills, Computer systems, Website production, Digital graphics and Computers, Computer animation and Computer networking

Scan this QR code with your smartphone to find out more about our Sixth Form curriculum.

## Facilities and Resources

The ICT facilities at Sandy are constantly being developed and improved. With over 100 additional new computers installed in 2009 and a further 80 new computers in 2011, ICT is taken seriously at Sandy.

The ICT department has a suite of 2 dedicated ICT rooms, all of which are equipped with PC's and have interactive whiteboards. Students have access to a bank of digital cameras, voice recorders, digital video cameras, tablets and laptops that they can use in their work.

We have the most widely used software, Microsoft Windows 7, Microsoft Office 2010, Microsoft Visual Studio 2008, Adobe CS5.5 Web & Graphics suites, VMWare, as well as many free alternatives such as Open Office, Inkscape, GIMP, Blender 3D and Freemind.

## Modern ways of working

The Sandy ICT department have a custom/purpose built website to manage students learning. Each student receives their own login and all work is submitted and marked via our department website. [www.sandyict.net](http://www.sandyict.net).

**Extra Curricular** The extra curricular program for the ICT department gives students a choice of opportunities which complement the ICT curriculum.

### Session 6

For those students that are unable to fit ICT option into their option choices, we run a early morning lesson twice a week. This allows students to undertake an additional BTEC Diploma qualification as well as their normal option choices.



All students have the chance to join a number of extra-curricular activities on offer from the ICT department. These are offered under the banner of 'ICT Projects'. Students can develop their skills in 3D graphic design, 3D animation, Computer programming, Games development, Computer animation, Networking, Video production, ICT Film club and much more...

[www.sandyupper.net/ict](http://www.sandyupper.net/ict)

Visit our department page on the school website to find out more about what we do.