

ICT

Key Stage 2 (Pupils in year 3,4,5 and 6)

All pupils in KS2 have two timetabled lessons of ICT as well as the opportunity to develop and use their skills through aspects of the International Primary Curriculum which allow pupils to work towards personal learning goals built around enquiry, adaptability, resilience, morality, communication, thoughtfulness, co-operation and respect. ICT skills are being introduced and learnt through a themed approach and are then used to facilitate and enhance pupil's work using a mixture of PC's, laptops and Ipad technology.

Other more specific areas of the computing curriculum such as coding are introduced and developed through more targeted lessons and the use of robots and online programs such as Discovery Education's Coding site. Pupils experience and learn key elements of the new Computing curriculum in an engaging and systematic way encouraging logical thinking, language development and, above all, collaboration skills.

Links

International Primary Curriculum

<http://www.greatlearning.com/ipc/>

Key Stage 3 (Pupils in year 7, 8 and 9)

Work in ICT in KS3 is currently based around aspects of the ICT National Curriculum and Computing Curriculum. All pupils in KS3 have two timetabled lessons of ICT and ICT skills are being learnt and developed through embedded topics which run through the KS3 curriculum and are then used to facilitate and enhance pupil's work in other subjects using a mixture of PC's, laptops and I-pad technology.

Pupils cover a wide range of topics from online safety and email through to graphic modelling, animation and multimedia presentations. There is also the opportunity to develop skills in word processing, spreadsheets and simple database construction. In line with the new computing curriculum, pupils will also begin to explore simple command and control systems.

Year 9 pupils have the opportunity to gain accreditation in ICT at OCR Entry Level where appropriate.

Links

OCR – Entry Level ICT

<http://www.ocr.org.uk/qualifications/by-type/entry-level/>

Key Stage 4 (Pupils in year 10 and 11)

Work in ICT in the KS4 curriculum is tailored to meet pupil needs. All KS4 learners have two timetabled lessons of ICT and have the opportunity to achieve accreditation at OCR Entry Level and OCR Functional Skills. In Year 10 pupils start to follow the OCR Functional Skills course that is designed to equip learners with the skills to operate confidently, effectively and independently in education, work and everyday life. It aims to allow pupils to feel confident and capable when using ICT systems and tools.

Pupils are guided to find and select relevant information and then develop, present and communicate information in both life and work so that it is fit for purpose. They develop a wide range of useful skills and techniques in the areas of word processing, e-mail, spreadsheets and in using presentation software such as PowerPoint and Publisher.

Pupils are assessed by class work projects or if appropriate take the OCR ICT Functional skills accreditation at Level 1

Links

OCR Functional Skills ICT

<http://www.ocr.org.uk/qualifications/by-type/functional-skills/>