

ICT



“Where everyone has a voice”



Information and Communications Technology (ICT) is concerned with the storage, processing, presentation and communication of information by electronic means. This includes the measurement, modelling and control of external events. ICT continues to evolve very quickly and has now become firmly entrenched in many aspects of everyday life, both at home and in the workplace.

As ICT underpins today's modern lifestyle it is essential that all pupils gain the confidence and ability, that they need in this subject, to prepare them for the challenge of a rapidly developing and changing technological world. The use of ICT will also enhance and extend children's learning across the whole curriculum whilst developing motivation and social skills.

Aims of ICT

At Brackenfield School our aims are that:

- ICT be presented as a creative and fascinating process in which children are encouraged to use their own initiative, imagination, reasoning and investigative skills;
- Children appreciate the relevance of ICT in our society and that they see it as an essential tool for learning, communication, finding information and for controlling and understanding their environment;
- Children receive equal opportunity to develop their ICT capability, with the use of ICT being planned for, in line with its status as a core National Curriculum subject;
- Differentiation is planned for in each area of the ICT curriculum so that children achieve to the best of their ability;
- Children learn to work individually and collaboratively;
- Children have a heightened interest and awareness of ICT through the regular display of their ICT enhanced work in the classrooms and around the school, and the positive attitude of staff towards the use of ICT;

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- All pupils leaving the school in Year 11 will have gained an entry level qualification in ICT, with more able students gaining a GCSE in the subject.

Present curricular plans.

- ICT Suite - a projector and 12 PCs
- Conkers - Interactive white board + projector and 1 PC.
- Acorns – Interactive whiteboard, projector, 4 PCs
- Willow - Projector, interactive whiteboard and 4PCs.
- Hazel – Projector, interactive whiteboard and 2 PCs
- Ash - Projector, interactive whiteboard and 5PCs
- Art room- Projector and 1 PC
- Maths room- Projector, Interactive whiteboard and 5PCs
- Science room- Projector, interactive white board and 6PCs
- English room- Projector, interactive whiteboard and 5PCs
- Annex – Projector, interactive whiteboard, 1 laptop and 3 PCs,
- Design and Technology room- contains 1 PC and a CAMM1 Vinyl sticker scan cutter.
- Food room- Projector, interactive whiteboard, 4PCs
- Staff Room- Laser printer, 2 desktops.

Technician support is available for 3 days per week and can be utilised (with appropriate prior notice to the ICT Co-ordinator). Problems with machines do occur and can be minimised if staff and pupils take care of the resources, use careful time management and planning. Those problems requiring more specialised intervention need to be identified immediately to the technician via the ICT Co-ordinator, in order that help can be given and the operation of the resource can be managed effectively.

The National Program of Study for ICT has been implemented at KS3 and KS4 since Sept 2010. The KS4 curriculum for the Entry Level certificate in Functional Skills ICT is planned using the AQA specification for Entry Level Information and Communication Technology. Lower school curriculum is in line with the QCA program of study for ICT. Current resources are sufficient to support the delivery of the QCA Exemplar Scheme of Work, the KS3 National Program of Study for ICT and the AQA Entry Level in ICT.

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