

HEALING
SCHOOL



A Science Academy

Healing School – A Science Academy

ICT Policy

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Date adopted by Governors	Autumn Term 2019
Review Date	Autumn Term 2020
Consultations/Training	SLT, Governors, Area Leaders, Subject Teachers

1. Information & Communications Technology Defined

Information & Communications Technology (ICT) is concerned with the handling of information and involves creating, collecting, holding, processing, presenting and communicating this information in a variety of ways, including e-mail.

Information can consist of text, numbers, pictures, sounds or other signals.

Aims

The National Curriculum identifies four elements, which characterise ICT.

Pupils should be able to use ICT to:-

- Find Information (using, searching, selecting, organising & investigating)
- Develop Ideas (analysing, automating, modelling, sequencing)
- Communicate Information (fitness for purpose, refining, presenting)
- Evaluate (informed judgements, evaluating, improving).

2. Objectives

Pupils with an ICT capability will have been able to demonstrate:-

- a knowledge about the applications of ICT
- a knowledge about ICT environments
- the skill to use appropriate ICT tools effectively
- an understanding of the opportunities ICT provides
- a knowledge of the effects and limitations of ICT and be able to use and access ICT across the whole curriculum.
- the ability to use e-mail and google classroom.

ICT must, therefore, be developed across the curriculum rather than in isolation and it should be regarded as a set of intrinsic skills to be applied in appropriate contexts. For this reason, ICT will be used within Faculties to inform the general development of the subject.

In addition to the discrete taught course in ICT each Faculty accepts responsibility for an area of ICT capability and guarantees delivery of these skills to all pupils across years 7 to 11. These skills reflect the National curriculum requirements and national/local changes in priorities, such as e-safety and copyright issues, which must be written into Faculty Schemes of Work, and taught as an integrated part of the curriculum.

Whilst it is necessary to separate the elements of ICT capability for analytical purposes, in practice they should be integrated wherever possible, for teaching purposes.

Cross curricular ICT will be undertaken in IT1, IT2 and where possible E004 all of which have 30+ computers connected to the Internet. These rooms provide three full class sets of computers. There are also laptops and a limited number of iPads which can be used.

The ICT department will use E007, E008 and E009 for teaching discrete ICT courses in KS3 & KS4. E007, E008 and E009 have 32 computers connected to the Internet

Staff training in ICT skills should continue as a high priority.

The Curriculum Organisation of ICT must allow equal opportunity for access to all pupils and reflect National Curriculum requirements.

3. Progression

Progression in ICT capability occurs through the broadening and elaboration of contexts and ICT environments. In the taught course in ICT, pupils will follow a course structured based upon the National Curriculum and QCA units of work. These units will be differentiated for use by all classes in KS3.

At KS4 pupils will follow a BTEC Technical Award in Digital Information Technology or GCSE Computer Science.

The ICT Co-coordinator/Development Group will monitor the organisation and delivery of ICT across the curriculum and make recommendations to the SLT.

4. Assessment and Monitoring

The discrete taught course in ICT will be assessed in accordance with National Curriculum Criteria. KS4 ICT will be assessed using the BTEC First criteria then GCSE criteria. The progress and involvement in ICT by pupils across the curriculum will be monitored by ICT co-ordinators and Heads of Faculty, and reported to the ICT Co-ordinator at regular intervals as part of the CCSG meetings. Particular attention must be paid to the satisfying of National Curriculum Attainment Targets.

5. Copyright

All software used throughout the school may only be used strictly in accordance with the appropriate conditions stated in the copyright agreement.