



Crockerton Church of England Primary School

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VISION STATEMENT

Together we learn and grow, beyond expectations, guided by our faith and values.

Computing Policy

This is a single policy which has been written on behalf of the Governing Body for Crockerton Church of England VA Primary School.

Written	December 2016
Reviewed	September 2020
Author	IT Lead, ratified by the Governing Body
Next Review	September 2021

We are committed to safeguarding and promoting the welfare of children and young people



Introduction:

The Computing Curriculum encompasses three inter-related aspects: Computer Science, Information Technology and Digital Literacy. Computer Science deals with information and computation, how digital systems work and how to put this knowledge to use through programming. Children use Information Technology to create programmes, design content and present data and information. Digital Literacy involves children being able to express themselves and develop their ideas through information and communication technology.

Rationale:

Computers and technology are continuing to develop and have become an integral part of everyday life. It is therefore essential that children learn how to use these tools safely, responsibly and effectively to support their learning across and beyond the school curriculum.

Aims:

At Crockerton School we aim to enable the children to exploit their potential in our digital world.

Our aims are

- To use IT confidently but with full understanding of keeping themselves safe on-line
- to enable children to develop the skills, knowledge and attitudes so they can make effective use of technology in all areas of learning
- to provide a relevant, challenging and enjoyable curriculum for Computing
- to enable children to choose and apply the appropriate technology for a variety of different purposes
- to develop an appreciation of the use of IT in the context of the wider world
- to ensure the children understand issues of privacy, security and online safety
- to teach care and respect for equipment
- to provide equal access to all children
- to develop confident, competent, independent and creative learners
- to meet the requirements of the NC Programmes of Study

The aims of the Computing Programmes of Study for KS1 and KS2 state:

The national curriculum for computing aims to ensure that all pupils:

- can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation
- can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems
- can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems
- are responsible, competent, confident and creative users of information and communication technology.

Roles and Responsibilities:

Class Teachers:

The class teacher is responsible for the individual child's Computing experiences (supported by the Computing subject leader). Class teachers are expected to employ a range of teaching and learning strategies and to use their professional judgement to decide on the most appropriate use of IT across the curriculum. Class teachers will match the challenge of the task to the ability and experience of the child. All children should have access to the use of IT regardless of gender, race, cultural background or physical or sensory disability. Where use of a school computer proves difficult for a child because of a disability, the school will endeavour to provide specialist equipment and software to enable access.

Computing Subject Leader:

The Computing subject leader is responsible for the overseeing and monitoring of Computing planning and assessment. The Subject Leader will keep the class teachers informed about resources available to deliver the different elements of the curriculum. S/he will keep staff informed of Computing training available and will encourage staff to update Computing skills and confidence. It is also the co-ordinator's responsibility to monitor and evaluate Computing performance in the school and to have a strategic input into the development of the subject. How Computing hardware is used should be balanced. This may be whole class teaching when discrete skills are being taught. Individual, paired and group activities will be appropriate at other times but it is important that a balanced approach to groupings is adopted.

Resources:

The schools have a range of resources to support the delivery of the Computing Curriculum including the Early Years Framework and learning across all areas of the National curriculum. The schools understand the need to continually maintain, update and develop their resources to deliver the Computing curriculum. Resources and provision are regularly reviewed and updated according to the Computing Action Plan. The hardware resources are regularly checked and updated by the school's technology support provider. A list of the hardware and software resources used is maintained. The Computing subject leader is responsible for resources overall.

Planning, Assessment and Record Keeping:

Each teacher will plan each term's work. At the end of the Term teachers will use the Target Tracker Assessment Tool to assess and track the progress of their pupils. Teachers should be able to provide samples of work for the Computing subject leader (for monitoring) when required.

Health & Safety:

No drink or food should be consumed near ICT equipment. It is the responsibility of staff to ensure that classroom IT equipment is stored securely, cleaned regularly.

Staff should ensure that the children are seated at the computers comfortably and be aware of the dangers of continuous use (e.g. eye/wrist strain etc.).

All IT hardware should be used in accordance with the relevant Health & safety regulations.

This policy should be read in conjunction with the school's Online Safety Policy.