



ICT

2022-2023

Effective Date: June 2021

Last Reviewed: June 2022

Reviewed by: Miss H Hinson

Next Review Date: June 2023

Rationale

The use of Information and Communication Technology is an integral part of the curriculum and is becoming an increasingly important part of everyday life. Children are using computers and tablets outside of school, and so knowing how to use them safely is imperative. Children will learn how to use computers, tablets, programmable robots, digital and video cameras to acquire, organise, store, manipulate, interpret, communicate and present information. This policy outlines how the school intends to make this provision.

Aims

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 programmes 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.

We aim to:

- Provide a relevant and diverse curriculum for ICT and computing for all pupils, meeting the national curriculum
- Use ICT to enhance all other areas of the curriculum
- Respond to developments in technology
- Give pupils the confidence and capability to use technology now and in their later lives
- To understand how to use ICT and computing responsibly and safely.

The role of the Co-ordinator

- There are ICT and computing coordinators who are responsible for producing an ICT and computing development plan and for the implementation of the ICT and computing policy across the school
- To offer help and support to all members of staff (including teaching assistants) in their teaching, planning and assessment of ICT
- To monitor classroom teaching or planning following the schools rolling programme of monitoring
- To monitor the children's ICT work, looking at samples of different abilities
- To lead staff meetings on computing and ICT
- To keep parents/carers and governors informed on the implementation of ICT in the school
- To liaise with all members of staff on how to reach and improve on agreed targets
- To help staff to use assessment to inform future planning.

Resources

The school acknowledges the need to maintain and develop resources in all areas. In regards to computing equipment, the school currently has:

- Laptops for each member of teaching staff connected to the school network
- ? iPads available for use by the students.
- A set of class laptops for the children to use in ICT and computing lessons

Our ICT resources are maintained by *company* and they are responsible for maintaining the antivirus software on school devices.

Cross curricular links

As teachers, we recognise that ICT capability should be achieved in core and foundation subjects. Where appropriate, ICT and computing are incorporated into different subjects, supporting learning across the curriculum delivered.

Parental involvement

Parents are encouraged to monitor their children's use of ICT at home, as well as continuing to develop their computing skills. They will be made aware of the E-safety Policy and encouraged to promote this at home.