Computing Curriculum Statement

Curriculum Content 2020-2021
- Early Years and Key Stage 1 pupils will explore a range of different cause and effect ICT resources. They will access iPads using programs relating to the topics: Marvellous me, Tell me a story, Bears, Out & About, On the farm and Let's go on holiday.
- Key Stage 2 pupils will learn about: Text editing & multimedia, Online safety: Online bullying; Electronic communication, Online safety: Privacy & security; Research Online safety: Managing online information, Information handling Online safety: Online relationships; Digital image Online safety: Online reputation and Research, Online safety: Self-image & identity.
- Key Stage 3 pupils will learn about: 3.3a Using Painting Tools, 3.2c Manipulating Sounds, 3.1c Data Q & A's, 3.3c Introduction to desktop publishing, 3.1d Introduction to spreadsheets, 3.3f Using photographs.
- Key Stage 4 pupils work on accredited ICT work including: Practical communication, accrediting digital imaging, Skills in control.
- Key Stage 5 pupils will complete courses on: Computer Security & Settings, Online Basics and Using IT Mobile Devices.
  (The Key Stage 3, 4 and 5 Curriculum is currently being developed and there will be more emphasis online safety topics each half term).

Aims (What are we trying to achieve?):
- To deliver a broad and balanced Computing curriculum appropriate to pupils' ages, levels of understanding and needs.
- To motivate and challenge pupils learning.
- To raise standards in numeracy, literacy and communication
- To promote and develop safe use of the internet.
- To support pupils' work and to provide a range of opportunities for communication.
- To enable pupils to explore Computing and learn to use it confidently and with purpose.
- To enable pupils to use their Computing skills to develop their ideas and record their creative work.
- To enable pupils to become familiar and confident with a range of hardware and software.
- To promote opportunities for pupils to explore multi-sensory stimulus where possible.
- To enable learners to access and effectively use ICT which could support them in life outside school.

How is learning organised?
- In Early Years and Key Stage 1, pupils follow the EYFS framework and are taught by their class teacher.
- Pupils in KS2 and KS3 receive one discrete 50 minute lesson per week which is taught by a class teacher. Pupils follow the Pitcheroak steps. The teacher differentiates the curriculum to meet the needs of their pupils and teaches transferable skills.
- Pupils in KS3 follow the Pitcheroak Steps Curriculum and where possible, links are made to support class topics.
- Pupils in KS4 learn ICT skills applicable to a range of contexts. They complete accredited courses at a level suited to their abilities.

How well are we achieving our aims?
- All pupils across school currently have reduced access to the ICT suite access due to the Covid-19 restrictions. Pupils are now using more laptops and iPads in class to further their computing skills.
- Pupils enjoy ICT and are keen to develop new skills, software and programs.
- The ICT curriculum would continue to benefit from extra investment to aid development to ensure clear progression and to broaden pupils' experience of activities to support their level of need.