



Farley Hill Primary School Computing Policy

Responsibility of	Curriculum Committee
Date of Policy	November 2025
Date of Review	November 2026

Subject

A high-quality computing education equips pupils to use computational thinking and creativity to understand and change the world. Computing has deep links with mathematics, science, and design and technology, and provides insights into both natural and artificial systems. The core of computing is computer science, in which pupils are taught the principles of information and computation, how digital systems work, and how to put this knowledge to use through programming. Building on this knowledge and understanding, pupils are equipped to use information technology to create programs, systems and a range of content. Computing also ensures that pupils become digitally literate – able to use, and express themselves and develop their ideas through, information and communication technology – at a level suitable for the future workplace and as active participants in a digital world.

Aims

Our aims are for all children 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.

We create an ethos where pupils can have and achieve the highest aspirations.

Delivering the Curriculum

In the Foundation Stage elements of Computing are explored through the Foundation Stage Curriculum Knowledge and Understanding of the World and are incorporated into the termly topics.

In KS1 and KS2 Computing is based on the new curriculum and follows the Teach Computing and Wokingham Schemes of Work which ensure that the National Curriculum Strands are delivered in a cross curricular way throughout the school year.

The strands for ICT are:

Communicating ideas:

Word processing desktop publishing and multimedia; e mail

Digital memory

Music and Sound

Finding Things Out: Research

Control and Sensing

Modelling

Please see curriculum coverage for each year group on the Learning Platform.

Organisation

At Farley Hill Primary School each learning area including the hall is equipped with a computer which is networked and is attached to an interactive whiteboard (except the hall) and projector. Each classroom has access to CD/DVD equipment and there is a fixed CD/Cassette player in the hall. Each class has access to digital cameras, visualisers, mini i-pads, laptops, roamers and bee-bots.

Home Learning

Computing objectives are available to parents on the Learning Platform. All children are given access to the Learning Platform which ensures the learning continues at home and promotes independent learning.

The learning in Computing is linked to many areas of the curriculum to ensure our curriculum is broad, rich and engaging.

Resources

A variety of resources are available to all teachers, including digital cameras, visualisers, access to mini i-pads, laptops, roamers and bee-bots. Children are encouraged to bring in examples of learning they have done at home, via email or memory stick, and to share their experiences of the Learning Platform with their peers.

Assessment

Children are assessed according to what they know and can do related to the National Curriculum. Teachers continually monitor, assess and make judgements about children's learning.

Health and Safety

Please refer to the E Safety policy.

Equal Opportunities

This subject will be accessible to all children irrespective of their ethnic background, gender, disability, religious or linguistic background.

We strive hard to meet the needs of those pupils with special educational needs, those with disabilities, those who are more able, those with special gifts and talents and the children who are learning English as an additional language. We take all reasonable steps to achieve this, for further details see separate policies: Inclusion, More Able, Exceptionally Able and Talented.

Monitoring

The Computing leader monitors children's learning, wall displays and carries out pupil interviews. Children identified as exceeding/talented in Computing are put onto the MA, G & T register and monitored.

The Computing subject leader will support colleagues in the teaching of Computing and bring updates to staff meetings.