



Farley Hill Primary School Science Policy

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

Subject

Science is a core subject within the National Curriculum.

We want all children to think like Scientists.

Aims

Our aims are for all children to have a high-quality science education which provides the foundations for understanding the world through the specific disciplines of biology, chemistry and physics. Science has changed our lives and is vital to the world's future prosperity. All pupils should be taught essential aspects of the knowledge, methods, processes and uses of science. Through building up a body of key foundational knowledge and concepts, pupils should be encouraged to recognise the power of rational explanation and develop a sense of excitement and curiosity about natural phenomena. They should be encouraged to understand how science can be used to explain what is occurring, predict how things will behave, and analyse causes. We create an ethos where pupils can have and achieve the highest aspirations.

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

- Develop **scientific knowledge and conceptual understanding** through the specific disciplines of biology, chemistry and physics
- Develop understanding of the nature, **processes and methods of science** through different types of science enquiries that help them to answer scientific questions about the world around them
- Are equipped with the scientific knowledge required to understand the **uses and implications** of science, today and for the future.
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Delivering the Curriculum

In the Foundation Stage elements of Science are explored through the Foundation Stage Understanding of the World area of learning and are incorporated into the termly topics.

In KS1 and KS2 Science is based on the new curriculum.

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

Organisation

Children learn individually, in groups and as a whole class on a range of scientific topics and also learn how to work scientifically. There are trips to sites of scientific interest and external Science providers visit school. Visitors are invited in to share their experience/knowledge of Science with the children.

We recognise the importance and value of experimentation in Science teaching and regard this as an important way of stimulating interest in how things grow, react or move. Children record their learning in a wide variety of ways, for example recounts of experiments, diaries of change, pictures, posters, role play, bar charts, graphs, models and film.

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

We focus on helping children to understand that science can be explored in different ways and that they should always ask searching questions such as “What would happen if...?”

Resources

Resources are available to all teachers. The library contains a good supply of related books. Children are encouraged to bring items of interest into school to support learning.

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. Children identified as exceeding/more able in Science are put onto the MA, G & T register and monitored.

Health and Safety

All trips and visitors are risk assessed. Safety is the direct responsibility of the class teacher.

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, Gifted and Talented.

Monitoring

The Science subject leader monitors children’s learning, wall displays and carries out pupil interviews.

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