

Subject Leadership:

Mrs. Morris is the science lead and is responsible for ensuring that the teaching and learning of science is engaging and progressive throughout school from F1 to Y2.



Curriculum Design:

The curriculum has been developed using Development Matters and the National Curriculum, integral to which is prior and future learning. Reference to PLAN documentation has also been utilised.

Curriculum Intent:

Science in our school is about developing children's ideas and ways of working that enable them to make sense of the world in which they live through investigation, as well as using and applying process skills. We encourage the development of positive attitudes to science, building on our children's natural curiosity and developing a scientific approach to problems. Science is also a collaborative activity where ideas and suggestions are shared and investigated together. Through practical activities and team work, children experience and learn how to work together have mutual respect for one another and value social cohesion. In addition, we provide our children with an enjoyable experience of science, so that they will develop a deep and lasting interest and may be motivated to study science further.

Our Vision:

We believe that a broad and balanced science education is the entitlement of all children, regardless of ethnic origin, gender, class, aptitude or disability. Our aims in teaching science include:

- Preparing our children for life in an increasingly scientific and technological world.
- Fostering concern about, and active care for, our environment.
- Helping our children acquire a growing understanding of scientific ideas.
- Helping develop and extend our children's scientific concept of their world.
- Developing our children's understanding of the international and collaborative nature of science.

Subject Skills:

In the EYFS *The Characteristics of Effective Teaching and Learning* are: Playing and Exploring, Active Learning and Creating and Thinking Critically.

These are the foundations on which the following Working Scientifically skills build in Key Stage 1:

Asking simple questions, observing closely, performing simple tests, identifying and classifying, gathering and recording data, using observations and ideas to suggest answers to questions.

Subject Enrichment/Wider school Curriculum:

- Whole school science weeks with a common theme
- In EYFS opportunities identified through fiction and non-fiction texts to engage children in scientific investigation.
- In EYFS children explore science independently through the continuous provision both inside and out.
- In KS1 a selection of fiction and non-fiction texts matched to the science theme in each half term.
- A series of science themed assemblies