



Science

What are we learning to do?

As teachers we are learning to, spark children's natural curiosity and sense of wonder about the world in which they live. We work hard to develop children's skills of prediction and also collaboration when working in groups to investigate.

What skills are we learning to use?

We are learning to work 'practically' in all year groups.

We learn how to explain the value of science and show an appreciation of the impact of science in society, themselves and its contribution to life in a technological age.

We are learning to plan, resource, predict, consider fair tests and variables, implementing, recording results and drawing conclusions before evaluating.

When do we learn?

We learn whilst we are exploring, questioning and investigating in and outside of Science lessons. We are consistently relating back to Science in everyday life and science lessons help children to make the clear link between the two!

What is there in class to help me?

In the front of topic books there is a science investigation sheet; this is highlighted throughout the term, to indicate the progress each individual has made in science each term. . It also makes the children aware of what they need to work on in order to 'work scientifically' against their year groups expectations.

What if I need extra support?

Teachers monitor the children's progress through the science investigation sheets.

It is also monitored on a foundation subject spreadsheet, whereby teachers go through and highlight the skills learnt throughout the term and whether the individual has met the skills.

How do we learn?

We learn through various activities and investigations, the creative curriculum enable teachers to adapt lessons to meet individual needs, as well as deepen children's curiosity both in and outside of school.

The skills we learn at school enable us to adapt and manipulate them into everyday life, when necessary and appropriate. It also gives us the opportunity to master the key skills embedded within the science curriculum.

What can we do at home to help?

Some good websites for developing scientific knowledge include: <https://www.brainpop.com/science/>

http://www.bbc.co.uk/schools/websites/4_11/site/science.shtml

'Sid the Science kid' is a great programme to help teach the children about a variety of science based skills, such as germs. These clips can be found on you-tube.

How does my teacher check my progress?

Our science investigation sheets are a clear and immediate way of teachers assessing children's progress.

It is based on the individuals understanding of the lesson/s across the term and is updated regularly so that children and adults can see their progress.