

What does Science look like at Preesall Fleetwood's Charity?

The Science curriculum is much more than a compulsory subject, it inspires children, encouraging them to be inquisitive about the world around them, nurture their innate curiosity and develop a range of skills that are useful across their entire school life. We aim to ensure that we deliver an enquiry-rich curriculum with access to appropriate resources to give each and every child the chance to work like a scientist. Children are given plenty of opportunity to explore science in a variety of environments.

'The important thing is to never stop questioning.'
(Albert Einstein)

Our School Vision:

"You are the light of the world. A school that stands on a hill cannot be hidden". (Adapted from Matthew 5:14)

Why is Science important?

School children are naturally curious and Science enables children to ask questions, try things out and explore in a safe environment. Science is an important part of the foundation for education for all children allowing them to explore their world and discover new things. It enables the teachers of Fleetwood's Charity to allow children to conduct their own investigations and complete open ended tasks allowing opportunities for deeper thinking.

What do we learn?

At Preesall Fleetwood's Charity we learn how to adopt scientific thinking and enquiring minds. We learn how to perform fair tests, work closely together to ensure we share our thoughts and get the best possible out of each and every science lesson. Linking science to the wider environment allows us to explore the objectives in a variety of ways and enhance the way our children learn. We learn lots of scientific vocabulary through each lesson which helps to create articulate children at Fleetwood's Charity.

I Enjoy Science because it is a practical lesson and we do cool experiments.
(Year 5 pupil)

Science



What events take place as part of our Science curriculum?

To enhance the curriculum we provide many opportunities for 'hands on' learning. We take part in Scientific days where we invite scientists into school to complete a variety of alternative experiments that engage children and encourage scientific minds. We also go on school trips that link closely to what we are learning to help consolidate what we experience in the classroom as well as making sure lessons are as practical as possible!

By the end of KS1 and KS2, each child should...

KS1 - Will be able to ask and answer a variety of simple scientific questions, observe closely using simple equipment, identify and classify a variety of different plants and animals and perform simple tests using their own initiative to enquire and learn in a scientific manner.

Lower KS2- Will be able to set up simple scientific enquiries and use a variety of scientific skills that they have been taught to answer them, record findings using scientific language, gather and report data in a variety of different ways and use straightforward scientific evidence to answer questions or support their findings.

Upper KS2- Take measurements using a range of scientific equipment with increasing accuracy and precision, use test results to make predictions to set up further comparable tests and identify scientific evidence that has been used to support or refute ideas or arguments.