



Galley Hill
Primary School

Subject on a
Page

Science

AT GALLEY HILL WE BELIEVE THAT SCIENCE

Intent → What do we aim to achieve for all children?



To create enthusiastic and curious scientists who enjoy learning about the world around them



To develop a deep understanding of the concepts taught and be able to apply these

To develop children's ability to explain their understanding using appropriate vocabulary



To equip children with the understanding and skills they need to investigate independently

To develop children's understanding of the important role Science plays in their everyday lives

Implementation → How do we teach our Science Curriculum?

Our Science teaching is based around enquiry led learning. Enquiry led learning focuses on the development of cognitively challenging, practical and interactive Science lessons. Teachers enable pupils to think about and talk about scientific concepts through dedicated discussion time; they provide pupils with a wide range of opportunities for creative investigations and problem solving.

Science lessons are planned so that they build on previous learning; new material is introduced in small steps.

Real world links in the Science curriculum help to make lessons more meaningful. The themes of Living Things, Materials and Seasonal Change and Forces are revisited and build upon as the children progress through school.

DEVELOP SCIENCE CAPITAL

LEARN ABOUT SCIENTISTS, PAST AND PRESENT

LEARN AND USE SCIENTIFIC VOCABULARY APPROPRIATELY

WORKING SCIENTIFICALLY

As well as developing the children's scientific knowledge we teach the children the skills to be able to work scientifically.

In EYFS

The children use their senses to find out about the world around them. They are encouraged to ask questions and learn to sort and group.

In KS1

The children identify and classify objects and materials, they perform simple tests using a range of equipment and begin to gather data to help them answer questions.

At lower KS2

The children gather, record, classify and present data in a variety of ways. They set up simple practical enquiries involving comparative and fair tests. They use results to draw simple conclusions, make predictions, suggest improvements and raise further questions.

At Upper KS2

Children plan different types of scientific enquiry to answer questions, including recognising and controlling variables. Use equipment to measure. Record data and results in a range of ways and report and present their findings.

How do we assess our Science Curriculum?

Teachers assess understanding through questioning and discussion with children

Understanding of NC objectives are tracked using Insight Tracker.

Working scientifically skills assessed by class teacher and recorded on Insight Tracker

GL assessments completed in Year 1 to Year 6 to give a standardised score.