

## Science at South Bersted

Children at South Bersted have access not only to a wealth of physical resources to support investigations, but we are lucky to be able to use our grounds in much of our ever developing science curriculum.

Lessons are very much practical; building on children's ability to carry out different aspects of scientific investigations whilst developing their subject specific knowledge of the curriculum.

## How is science taught at South Bersted?

During their journey at our school, the children will be learning through a mainly spiralling curriculum; using what they have learnt in previous years and topics and applying it in new ways, to deepen their knowledge and understanding further.

Children explore different areas of a topic, that equips them with the knowledge and understanding to build on their prior learning.

This is all underpinned by an area of the curriculum known as 'working scientifically', in which we ask children to consider the processes of science.

Where possible and where appropriate scientific learning is taught using a thematic approach to support pupils in answering their half termly **Big Question**.

## Why is science important at South Bersted?

Science allows children to ask the important question 'Why?' and find the evidence that supports or changes their views.

In becoming 21st century global citizens, the aim is that science challenges their thoughts, ideas and current knowledge, and is the doorway to the world around them.

# SCIENCE AT SOUTH BERSTED



South Bersted's 'learning map', states the expectations at the end of each term.

**At South Bersted, by the end of EYFS will aim for all pupils to:**

Know about similarities and differences in relation to places, objects, materials and living things.

They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur, and talk about changes.

**At South Bersted, by the end of Year 2 pupils will have:**

- asked simple questions
- observed closely, using simple equipment
- performed simple tests
- used their observations and ideas to suggest answers to questions
- gathered and recorded data

**At South Bersted, by the end of Year 6 pupils will have:**

- planned different types of scientific enquiries
- taken measurements,
- recorded results and used test results to make predictions to set up further comparative and fair tests
- reported and presented findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- identified scientific evidence that has been used to support or refute ideas or arguments.