



Date: Autumn 2015

Review Date: Autumn 2017

Revision 2.0

SCIENCE STATEMENT

In science, children will explore the natural and man-made world around them. They will be encouraged to be curious and ask questions about what they notice. They will experience different types of scientific enquiry and will begin to recognise ways in which they might answer scientific questions. They will develop their practical problem solving and investigative skills.

Through our Science Curriculum we aim to help children to:

- develop their scientific knowledge and understanding. The children are offered a broad, well balanced science curriculum which incorporates the Programmes of Study of the new National Curriculum in Years 1 and 2. The topics covered are plants, animals, seasonal changes, every day materials and living things and their habitats. The Reception year group follows the early learning goals. These are implemented in a relevant, interesting and enjoyable way through focused topics
- develop their scientific vocabulary and language
- experience a variety of scientific approaches to learning and problem solving. At Polesden Lacey Infant School there is a strong emphasis on investigative and practical work using our outdoor environment whenever possible. The children will learn to make predictions by using their observations and ideas to suggest answers to questions and then carry out investigations to test them. They will use simple features to observe and compare objects, materials and living things, decide how to sort, identify and group them, observe changes over time, and begin to notice patterns and relationships
- learn to apply their mathematical knowledge in science, including collecting, recording, presenting and analysing data
- develop an awareness and concern for the wider environment and to understand the importance of science in our society

At Polesden Lacey Infant School we hope our children develop a love of and an enthusiasm for science and a sense of excitement and curiosity about the world around them which they will take forward with them into the future.