

## **Science at Norton Infant School**

### **Understanding the world in Foundation Stage**

Science in the Foundation Stage is known as 'Understanding the World' and is one of the specific areas within the Development Matters curriculum. Understanding of the World is about how children get to know about other people, the place where they live and about all aspects of the environment. Finding out about the world around them is what young children do very effectively when they investigate by touching, holding or pressing things and by climbing on and jumping off things. Older children love to explore and investigate how and why things work and to test out their ideas of what will happen if they do something particular. Teaching Understanding the World within EYFS involves providing children with opportunities to develop and improve skills relating to three main aspects; People and Communities, The World and Technology.

### **Science in Key Stage One**

The principal focus of science teaching in key stage 1 is to enable pupils to experience and observe phenomena, looking more closely at the natural and humanly-constructed world around them. They should be encouraged to be curious and ask questions about what they notice. They should be helped to develop their understanding of scientific ideas by using different types of scientific enquiry to answer their own questions, including observing changes over a period of time, noticing patterns, grouping and classifying things, carrying out simple comparative tests, and finding things out using secondary sources of information. They should begin to use simple scientific language to talk and write about what they have found out and communicate their ideas in a variety of ways. Most of the learning about science should be done through the use of first-hand practical experiences, but there should also be some use of appropriate secondary sources, such as books, photographs and videos.