

Science

At Bordesley Green primary school our aim is to ensure that our children are naturally curious about the world they live in. Science enables children to have a better understanding of the world around them and is therefore an excellent tool for harnessing this curiosity. It allows children to explore and investigate, whilst establishing within them an appreciation and respect for life and scientific phenomena.

As a school we follow the National Curriculum The aims of the National Curriculum for science are to ensure all children:

- develop **scientific knowledge and conceptual understanding** through scientific disciplines of biology, chemistry and physics.
- develop understanding of the **nature, processes and methods of science** through different types of scientific enquiries that help them to answer scientific questions about the world around them.
- are equipped with the scientific knowledge required to understand the **uses and implications** of science, today and for the future.

At Bordesley Green Primary School, Science is taught as part of a themed curriculum. Every year group teaches a number of Science dominated topics which allows the children's learning to be linked to other subject areas. This allows for deeper understanding of the subject and more meaningful learning.

In Foundation Stage the children will focus on the same areas of study through their Early Years curriculum particularly in the prime area of 'Physical Development (Health and Self Care)' and the specific area of 'Understanding the world'. The children take part in a range of practical activities which allow them to explore different scientific ideas and use observation as a way of investigating and exploring the world around them.