



Willoughby Primary School

Science Vision and Intent Statement

As a school we aim to:

Deliver an engaging and inspirational curriculum that prepares children for the future, develops their **curiosity** and deepens their **understanding** of the world around them. We foster each child's **independence** to nurture character development, health and well-being.

In this subject our vision is:

Stimulate pupil's interest and develop their sense of enquiry through a hands-on approach. Children learn to work as scientists, planning and undertaking practical investigations on their own and with others. This enthuses children to ask questions and explore how science is relevant and useful in their everyday life.

Our children say:

I love conducting practical experiments in science and using equipment to investigate and explore new things. I enjoy working alongside others. The topics are fun and interesting.

Learning intent:

Our science curriculum is challenging, engaging and thought provoking. We want all pupils to have the opportunity to develop their own scientific knowledge and understanding in biology, chemistry and physics. We endeavour to make the subject hands on to give pupils the opportunity to see science in the real world.

Children will be able to:

- develop knowledge and understanding of processes associated with biology, chemistry and physics
- apply knowledge to understand the world around them
- understand and apply methods of scientific investigation
- know current uses of science and consider future implications
- retain and recall scientific vocabulary