



## Science

Our vision is to give children a science curriculum which enables them to explore and discover the world around them, confidently, so that they have a deeper understanding of the world we live in. We provide a stimulating science curriculum that nurtures children's natural curiosity and allows children to make connections in their learning. Through our hands-on curriculum, children of all abilities will experience scientific enquiry through exploration and investigation building on their natural curiosity. Our aim is that these stimulating and challenging experiences help children secure and extend their scientific knowledge and vocabulary. We believe that these opportunities will ensure that all of our children are confident, life-long learners who will explore the world around them.

To recognise and explore scientific connections between concepts and theories and question validity through scientific enquiry, investigations and practical experiences.

To apply scientific theories to real-life concepts and consider the relevance to the world we live in today

Pupils will learn and recap scientific vocabulary in order to explain and justify their understanding

To apply sticky knowledge and make connections to build upon prior learning and enhance long term memory.

### Integrity

To recognise the importance of farming with integrity and consider how we as society impacts the world we live in and how we can contribute to protecting our world.

### Curiosity

To be curious about the world around us and confidently ask and answer questions using scientific vocabulary.

### Courage

To build and develop new skills and those required to question scientific theories and the world around us.

### Perseverance

To master a range of challenging, new skills required to plan conduct investigations and persevere when observing over time

### Collaboration

To work together effectively to build and enhance all aspects of Science including investigations, enquiry and theory based learning

### Community

To learn about our local community and the world around us through a range of trips and visits from those who rely on Science in their everyday lives

*Be the  
Best You  
Can Be.*