



Science at Brackensdale Primary School



“The science of today is the technology of tomorrow,” Edward Teller

Here at Brackensdale Primary School, we want all of our children to love science and engage with our exciting curriculum in order to develop their knowledge and working scientifically skills. From early years through to Year 6, we aim to provide excellent, memorable science lessons and exciting experiences that will not simply teach the children the right and wrong answers, but instead foster curiosity and equip them with the skills to investigate these questions themselves and develop their own theories and scientific approaches.

Curriculum Intent

Brackensdale Primary School uses the Cornerstones Curriculum, which provides each year group with sequenced, contextualized topics that promote curiosity about science and instil a love of learning in our pupils. Through the teaching of science at our school, we offer an ambitious and wide-reaching programme of study that encourages all children to become independent and resilient learners, who will leave us at the end of Year 6 with a range of skills. The national curriculum for science aims to ensure that all pupils:

- develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics
- develop understanding of the nature, processes and methods of science through different types of science 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



Science Topics at Brackensdale

Children at Brackensdale are taught science from Nursery to Year 6.

Our current science topics are as follows:

Year 1	Year 2
<ul style="list-style-type: none">-Plants-Animals, including Humans-Everyday Materials-Seasonal Changes	<ul style="list-style-type: none">-Plants-Animals, including Humans-Everyday Materials-Living things and their habitats
Year 3	Year 4
<ul style="list-style-type: none">-Plants-Animals, including Humans-Rocks-Forces and Magnets-Light	<ul style="list-style-type: none">-States of Matter-Sound-Electricity-Animal, including Humans-Living Things and their Habitats
Year 5	Year 6
<ul style="list-style-type: none">-Materials-Earth and Space-Living Things and their Environment-Forces-Animal, including Humans	<ul style="list-style-type: none">-Light-Inheritance and Evolution-Electricity-Properties of Materials-Plants

Local Links

We are lucky to live in a city that is truly rich in STEAM (Science, Technology, Engineering, Art and Maths), providing us with a wealth of opportunities to enhance our curriculum and make it truly relevant to our children. As well as making school trips to Rolls Royce and Toyota, we also welcome experts from there to visit our school, to support topics and enhance learning.