



Curriculum Vision Statement: **Science**

At Lambley, we value and nurture every child as an individual; as someone who's uniqueness, interests and passions are supported and celebrated. We are a family who learn together, care for one another and make the most of every opportunity. Through our positive attitude, our growing confidence and determination to do our best, all children thrive and are ready to make their mark on the world. We are proud to say that when children leave us, they are ready for 'Life beyond Lambley.'

Intent:

Through our practical and enjoyable curriculum, we aim to inspire and excite our children and foster a thirst for knowledge. We believe that these opportunities will ensure that our children are confident, life-long learners who will explore science around them.

Science and Engineering are rapidly growing and important industries in the modern world. Even if children do not become scientists or engineers, they will grow up in a world that requires scientific literacy and critical thinking skills. Science is all around us and helps children to make sense of the world.

Implementation:

Lambley Primary School aspires to provide excellent opportunities for science so that children can:

- Make meaningful links between classroom learning and the real world in order to develop their understanding of Science
- Develop scientific literacy and critical thinking skills by designing and carrying out their own investigations
- Make excellent progress

In order for the above principles to be achieved, we will:

- Provide teachers with opportunities to further develop their subject knowledge
- Provide opportunities for children to ask their own questions, experiment and plan their own investigations, giving them the support they need to be able to develop scientific skills.

Reading across the curriculum:

As a school we actively encourage the use of research to develop our curiosity for the world around us and to provide questions to build on our understanding. Where possible we enjoy reading and sharing non-fiction texts and provide umbrella questions for home learning opportunities. We use Ninja warrior comprehension books where possible to encourage cross curricula reading with science-based comprehension or inference activities

Impact:

At Lambley Primary School we recognise the importance of Science and strive to maintain a high profile for the subject within our school. A scientist observes, questions, creates hypotheses, experiments, records data, and then analyses that data. All children can be scientists by following their own natural curiosity and at Lambley Primary School, teachers help to facilitate these skills in order for children to flourish.