



Curriculum Intent, Implementation and Impact Overview

The intent of our Science curriculum is deliver a curriculum that is creative, engaging, investigative and accessible to all. As a school, we recognise the vital importance of Science in every aspect of daily life, and see how it supports each child's outlook and stance in the world around them.

The Scientific area of learning is concerned with increasing pupils' knowledge and understanding of our world, and with developing skills associated with Science as a process of enquiry. It will develop the natural curiosity of the child, encourage respect for living organisms and the physical environment and provide opportunities for critical evaluation of evidence.

Subject: Science

Subject leader:
Kayleigh Evans

Intent

Implementation

Impact

Intention 1:

To build a Science curriculum which enables children to develop confidence and understanding and results in the acquisition of knowledge.

To design a curriculum with appropriate subject knowledge, skills and understanding in Science as set out in the National Curriculum so that children can reach and exceed their potential.

- **Clear and comprehensive scheme of work in line with the National Curriculum.**
- Teaching and Learning should show progression across all key stages within the strands of Science. Science Bug planning to be followed to support progression in planning and children's learning.
- **Children will access resources to acquire learning through Science equipment, digital technology, practical experiences and photographs.**
 - **Access to experts**

- Children will achieve age related expectations in Science.
- Children will enjoy Science learning and scientific exploration, and will seek additional learning in their home environment.

	<p>Links to LHS Science department – use of resources and guidance from expert staff. External Science visitors – Fizz Pop Scientists etc.</p> <ul style="list-style-type: none"> • Displays <p>Displays in each classroom (KS1 upwards) will celebrate children’s learning and development within their Science learning.</p>	
<p>Intention 2: To build a curriculum which nurtures children’s learning behaviours and develops a curiosity towards the exploration of knowledge so that they know more, remember more and understand more.</p> <p>To build a Science curriculum that enables children to become enquiry based learners.</p>	<ul style="list-style-type: none"> • Clear and comprehensive scheme of work in line with the National Curriculum. <p>Teaching and Learning should plan for practical investigative opportunities within Science lessons termly.</p> <ul style="list-style-type: none"> • Children will reflect on previous learning and cross curricula links will be made through English, Maths, Computing, and all other relevant subjects. <p>Children will be able to build on prior knowledge and link ideas together, enabling them to question and become enquiry based learners.</p> <ul style="list-style-type: none"> • Educational Visits <p>Where applicable links to Science will be made to develop the children’s topical learning.</p> <ul style="list-style-type: none"> • Forest School Link 	<ul style="list-style-type: none"> • Children will achieve age related expectations in Science at the end of their cohort year. • Children will retain knowledge that is pertinent to Science with a real life context. • Children will be able to question ideas and reflect on knowledge. • Children will work collaboratively and practically to investigate and experiment a range of things. • Children will be able to explain the process they have taken and be able to reason scientifically.

	<p>Key Stage 1 children will access Forest School learning from a trained leader within the school grounds.</p> <ul style="list-style-type: none">• British Values and PSHE Children will learn and revisit the importance of our world and how it should be treated.	
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