New Hall Curriculum Statement
Science

At New Hall, the ambition for all is **to love to learn for life.** Our values are the **golden threads** of our curriculum. We want our pupils to become:

Critical Thinkers:	Questioning, checking and challenging
Collaborative Learners:	Responding, supporting, building on and joining in
Creative Minds:	Connecting and comparing ideas and exploring possibilities
Caring Individuals:	Thinking, listening, empathising and respecting others

Intent

We intend to promote a love of learning for Science and continually develop children's working scientifically skills. We aim to foster the natural curiosity and creativity of the children, whilst encouraging respect, care and understanding for living organisms and the physical environment we live in. Children should be able to record their learning and present findings from enquiries in a variety of ways. Children should know that Science is a very important part of their learning and helps them to understand the world.

Implementation

As Science is a core subject, it is taught weekly at New Hall. Science is taught progressively throughout the school, ensuring that scientific knowledge and skills are built on and developed in each year group.

Science is broken down into four strands: 1. Biology (the study of humans, animals and plants) 2. Physics (the study of forces, energy and space) 3. Chemistry – the study of materials and substances

4.Working Scientifically (enquiry and scientific skills).

Each strand is taught throughout the school and children learn about the different strands. Children are provided with opportunities throughout the year to plan and lead scientific enquiries collaboratively and evaluate their results critically. Science teaching throughout the school meets the expectations of the National Curriculum.

Impact

Pupils will have a good understanding of the world they live in and will know key scientific knowledge and skills for each of the four strands of Science. Children will be able to present their learning effectively and discuss key scientific concepts and questions.