



Science policy

Science at Outwood

Intent

At Outwood we are all scientists! By the time our pupils leave us, we want them to be knowledgeable, excited, curious, and analytical.

Implementation

At Outwood Primary, we use our science unit progression maps and assessment documents to ensure that children acquire scientific knowledge and skills. We also make meaningful links to other subjects.

Throughout each unit of work, the children are given opportunities to explore, discuss and question to deepen their understanding of the world around them.

Our Scientific Principles

- Pupils build upon previous knowledge and learn new things through engaging and stimulating science lessons.
- Pupils ask questions and discuss concepts to develop their ideas and understanding.
- Pupils have practical and active lessons in a range of scientific activities.
- Pupils have the chance to be independent in their learning.
- Pupils have the chance to foster their curiosity through a range of enquiry types.

IMPACT

Teachers give effective feedback to the children which enables them to make the best progress in their learning. Misconceptions are identified and addressed, whilst aspirational challenges are given to help the children deepen their scientific understanding.

Each teacher has an assessment folder used to assess the acquisition of the science knowledge and skills of individual children. The children should know which of the 5 scientific enquiries are being addressed in each lesson. Opportunities are given for the children's scientific knowledge to be applied to the real world and new situations. They use and understand scientific vocabulary, asking and answering questions to explore the world they live in.



Ask questions to further their learning.



SCIENTISTS AT OUTWOOD...

Use different enquiry types.

Observe over time.

Comparative and fair testing

Identify and classify.

Pattern seeking

Research using secondary sources.



Care for the wider world



Are Curious



Discuss ideas and learn from others.



Are independent learners.

