

Curriculum Intent

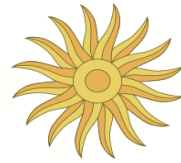
At Southwold Primary and Nursery School our aim is to inspire the next generation of scientists and Engineers through fuelling children's curiosity and open-mindedness of the world around them. Our enquiry-based learning approach, enables all children to access science through a range of techniques, based around children thinking and asking questions of themselves, each other, teachers, and the wider community. We believe that it is critical that science is put into context, to ensure children understand why the learning matters, to their lives outside of school and beyond; this is further enhanced through a range of trips, workshops and interactions with experts and local and national businesses, charities, and Universities.

Curriculum Impact

By the end of KS2, Southwold children will be able to:

- To develop scientific knowledge and conceptual understanding through the disciplines of biology, chemistry, and physics.
- To develop an understanding of the nature, processes, and methods of science through different types of scientific enquiries.
- To ensure children are equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.
- To use both written and verbal language to encourage children to articulate scientific ideas in a reasoned and precise manner.
- To impart an appreciation for a rational explanation and an interest in explaining natural phenomena.

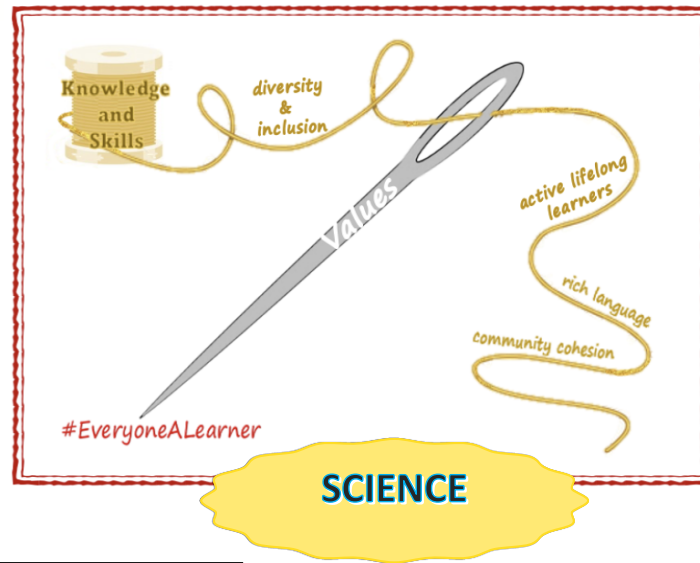
Assessment is a continuous process involving a wide range of elicitation activities and TAPS assessments to continually check understanding, identify gaps and misconceptions, and that all pupils have reached their curricular goals. Pupil Voice provides an aid to the leadership and development of the Science curriculum within Southwold School.



#EveryoneALearner

Southwold Primary
& Nursery School

'Be all you can be and together we will shine.'



Curriculum Implementation

Teaching is seen as a supportive tool, providing explanations of critical scientific concepts, to enable all children to question, test, explore and experiment with the real world through a collaborative approach. Children are encouraged to struggle, fail, reinvent, and scaffold the learning for themselves and those around them, creating a positive attitude towards science and reinforcing our belief of high achievement for all. The progressive nature of our curriculum encourages automaticity of scientific knowledge through the application of science skills and vocabulary. In addition, our cross-curricular approach to learning provides further embedding of science knowledge through purposeful practise in not only English and Maths, but a wide range of subjects, firmly positioning science at the core of our curriculum.

To ensure new learning is progressive and focused on the correct starting point for children's current learning, elicitation activities are used to check previous learning.

Southwold School's high-quality, engaging and above all child-led approach to Science teaching provides children with the key building blocks and conceptual scientific understanding to go onto the next stage of their education. Our varied enquiry-based approach to science learning, and use of the natural environment, ensure children gain contextualized first-hand experiences of the world around them.

The 6 Principles of
Teaching and
Learning:
Challenge
Explanation
Modelling
Practice
Questioning
Feedback

