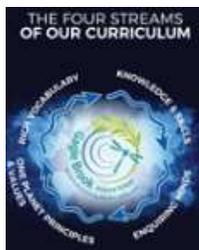


Curriculum Intent: what we want children to learn

At Gagle Brook 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 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.



#EveryoneALearner

At Gagle Brook Primary and Nursery School, everyone is a learner...



What will you find in the
Science
box of treasures?

Curriculum Implementation: how we do it at Gagle Brook

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 at the correct starting point for children's current learning, elicitation activities are used to check previous learning.



Curriculum Impact: the celebration of learning

Gagle Brook 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.

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 Gagle Brook School.



The 6 Principles of Teaching and Learning:

Challenge

Explanation

Modelling

Practice

Questioning

Feedback