



Pegswood Primary School

Science

Intention – Why?

- To nurture an existing enthusiasm for science, be inspired about science and the world and promote enjoyment through creativity.
- To be enthusiastic and to work hard, in order to achieve their full potential as future scientist.
- To provide the widest and best educational opportunities possible, by striving to offer inspirational, challenging and creative learning opportunities.
- To create and maintain a sense of awe and curiosity.
- For children to become competent problem solvers.
- For children to develop their resilience and perseverance.
- For children to be able to articulately communicate their scientific understanding, ideas and understand misconceptions.
- For children to understand the World and be driven to take responsibility to make it better.

Implementation – How?

- Ensure children gain an understanding of growth mindset in order to build resilience and perseverance through a Thrive approach and a celebration of School Values.
- Develop a natural curiosity in the children, encouraging respect for the world around them.
- Celebrate the importance of Forest School ensuring it plays a significant role in applying skills/making observations in the real world in our own locality.
- Teach a progressive curriculum, which is relevant and engaging. The science curriculum is prescriptive to the year group. We have ensured coverage is robust throughout the school.
- Place great value on scientific enquiry, embedding it in the curriculum.
- Teach children to understand and then apply scientific language and terminology.
- Provide availability of good quality reading texts for the children to read, that are relevant to their topic to further understanding.
- Use questioning and assessment methods to gauge, support and challenge children's understanding so that they are always ready for the next stage.
- Encourage pupils to talk and reflect on their learning.

Impact – Wow!

- Children have positive attitudes and appreciate the role of science in their lives and in the world around them. They realise their own potential to have an impact on the planet.
- Children understand their own mindset and how it affects their success and enjoyment of learning.
- Children feel safe and secure to raise questions and endeavour to find answers.
- Children are articulate and confident in what they know and understand about science.
- Standards are raised and maintained.