



Inspiring All To Soar To New Heights

“But those who hope in the Lord will renew their strength. They will soar on wings like eagles.” Isaiah 40:31

EYFS Curriculum Requirements for Science

In EYFS at Downham C of E Primary School, science is explored through the area of learning known as Understanding the World. At this stage, children begin to develop their natural curiosity by exploring, observing, and asking questions about the world around them.

Through hands-on experiences, exploration, and play-based learning, children are encouraged to notice patterns, investigate how things work, and talk about what they see and discover. Our approach helps children build the foundations for future scientific learning while nurturing their sense of wonder and curiosity. As scientists, pupils should be taught to:

ELG: The Natural World

- Explore the natural world around them, making observations and drawing pictures of animals and plants.
- Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.
- Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

ELG: Speaking

- Offer explanations for why things might happen, making use of recently introduced vocabulary from stories, non-fiction, rhymes and poems when appropriate.

ELG: Managing Self

- Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices.

ELG: People, Culture and Communities

- Describe the immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.

Learning Through Exploration

Our EYFS environment provides rich opportunities for children to investigate both indoors and outdoors. Activities such as planting seeds, exploring water and sand, observing mini-beasts, and noticing seasonal changes help children develop an early understanding of scientific concepts in a meaningful and engaging way.

Building Foundations for Future Learning

By the end of the EYFS, children will have developed important skills including curiosity, observation, and early problem-solving. These skills form the foundation for the science curriculum in Key Stage 1 and beyond, helping children to become confident learners who are excited to explore and understand the world around them.