

Science Curriculum Rationale at Finstall First School

Science is a means of discovering and understanding the world around us. It consists of a body of knowledge which attempts to explain phenomena and experiences. It also involves a number of skills and processes by which this knowledge is achieved and applied. Science is also concerned with the development of attitudes concerning scientific activity. Science forms an integral part of our everyday life. It is therefore important for all children to be scientifically literate.

"Children are naturally curious. Science at primary school should nurture this curiosity and allow them to ask questions and develop the skills they need to answer those questions." (Louise Stubberfield – Primary Science Programme Lead)

Curriculum Intent

At Finstall First School, we believe that every child should learn about science in a way that is engaging, educational, by following the objectives set out in the national curriculum and relevant. In this way they will have the opportunity to reach their full potential.

By the time they leave us in Year 4, children need the right knowledge and investigative skills for the next stage in their education.

It is important that they are able to see the relevance of science in their own lives and understand the importance that science has in the world around us.

To provide opportunities to allow children to access information through reading.

To prepare children for life by helping them to become more independent, organised, resilient, inquisitive and to be able to solve problems. We aim for them to be appreciative of the world around them and to be reflective about the value of science.

Curriculum Implementation

Carefully planned schemes of work which are sequenced and allow for progression to take place within and across the years.

Thematic/topic based approach, when appropriate, while allowing an understanding of the discrete subject area of science.

Regular opportunities to recap previous learning to allow their knowledge and skills to be embedded.

Provision within the planning for children to make scientific discoveries through reading in order to allow them to appreciate the value that reading has.

Ensuring that the science curriculum is enriched by visitors to the school, thematic based days and a recognition of current and relevant scientific events that are taking place in the world around them.

The curriculum is to be delivered by adults who have a sound subject knowledge and who develop strong, caring relationships with and between pupils.

Curriculum Impact

High quality outcomes across all year groups so that children know more, remember more and can do more.

Children gain a range of scientific skills and knowledge as they move through our school so that they are confident and independent learners who are ready for the next stage in their education.

L. Davis