



Filey C E Nursery & Infants Academy

'Inspiring Confident Learners, Reflecting Christian Values'

We endeavour to uphold Christian teaching to:

"Shine as lights in the world and love as Jesus loves us" (Philippians 2:15, John 13.34)

Our school is a Church of England School rooted in 'Compassion, Community and Friendship'.

Science at Filey

Intent

At Filey CE Nursery and Infants Academy we aim to stimulate a child's curiosity in finding out why things happen in the way they do through being inquisitive, exploring using a hands on approach and having the confidence to ask questions that puzzle them. This will enable them to develop a progressive range of skills and knowledge that are useful across their learning through a diverse range of learning experiences, both in and outside of the classroom.

Implementation

Teachers create a positive attitude to science learning within their classrooms and reinforce an expectation that all children are capable of achieving high standards in science. To ensure high standards of teaching and learning in science we implement a curriculum that is progressive throughout the school. Planning for science is a process in which all teachers ensure that the school gives full coverage of the 2014 National Curriculum programmes of study for Science and Understanding the World in the Early Years Foundation Stage. Wherever possible, Science is linked to class topics. At the start of each topic, teachers take time to find out what our children already understand and want to find out. Our teachers use this to adapt and extend the curriculum to match children's interests and needs, current events and the resources available. We include the use of technology wherever appropriate to aid teaching and learning. Through teacher modelling and planned questioning, we want our children to wonder about and be amazed and surprised by the world around them as we recognise that our children sometimes lack key experiences. Key scientific language is modelled throughout lessons, enabling our children to be familiar with and use vocabulary accurately. Teachers are also encouraged to plan trips and visitors to enhance our children's learning experience as well as using our local environment to enhance learning.

Impact

The approach at Filey Infants results in a fun, engaging, high-quality science education that provides children with the foundations and knowledge for understanding the world. Our engagement with the local environment ensures that children learn through varied and first hand experiences of the world around them. Their learning is evident in their wider world books, through classroom displays and through discussion with the children. All children feel that they are scientists and capable of achieving. Children at Filey Infants enjoy science and this results in motivated learners with good scientific understanding.

Link Governor: Henrietta Hugill