



The Science Curriculum at Balderstone



Aims of Science at Balderstone:

The aim of Science at Balderstone St Leonard's is to develop a greater understanding of God's world and inspire an inquisitive mind that is always striving to find out more about the world around us. We will spend time observing and noticing the amazing world we live in and discovering how science has shaped our understanding and the lives we live today. We aim to make children aware of the ways we can make a positive difference in the world for generations to come.



Rooted in our Christian values....

Through Science our pupils are given opportunities to show their love of learning, love of God and love of each other as they investigate, explore and discover together. We will spend time immersing ourselves in the wonder of God's creation and asking questions to enhance our knowledge and understanding through investigations. Through the teaching of science, the children will gain knowledge of the world, learn about and see the impact of discoveries from the past, how science is making a difference in our lives today and the hopes and goals of science for the future. We will foster a love of the natural world and promote stewardship and creativity in order to protect our planet. Through their questioning and investigations, we aim to build resilience and confidence in the children so that they may see every outcome as an opportunity to enhance their learning. Through the skills they develop, the children will become more inquisitive, observe more details and learn to communicate and work together, both within school and within the community to enhance their understanding of the world.



Flourishing for all....

Across our whole school family, there is a focus in science on securing a fundamental knowledge of the world around us. Our teaching of science allows children to ask their own questions, draw their own conclusions and communicate their discoveries in a variety of ways.

Lesson design and implementation in science focuses on questioning, problem solving, finding patterns and drawing conclusions. We work scientifically to research and investigate in practical ways so that all can gain a secure understanding of the science that underpins our lives.



Overview....

The science curriculum at Balderstone covers all requirements of the National Curriculum. We teach using the Lancashire scheme, which has been carefully co-ordinated to meet our school and pupils' needs. Our teaching is supported by a focus on a progression that builds on the stem of learning from previous years. We use the Lancashire planning and assessment documents to support this progression through school.

Our outdoor environment is an invaluable resource and allows the children to become stewards of the natural world around them. We give the children opportunities to connect with the wider community through school visits, connections to local industries and participation in scientific projects and events. We aim to develop in our children a confidence to be curious, to question using an enquiring mind and to be filled with excitement for the scientific discoveries that will mould their future in God's amazing world.