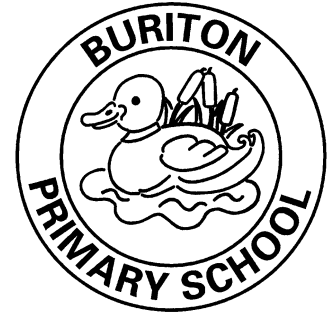


Science



Intent

At Buriton Primary School, we aim to provide an engaging and practical learning environment, which is progressive across all year groups. Our science curriculum aims to build the foundations for understanding the world through the disciplines of biology, chemistry and physics. All children are taught essential aspects of the knowledge, methods, processes and uses of science in everyday life and the wider world. Through building up a body of key knowledge, language and concepts, children are encouraged to explore the big idea, question scientific theories and investigate based on their own enquiries. This develops a sense of excitement and curiosity about natural phenomena and allows them to explore their own ideas.

Implementation

At Buriton Primary School our Science curriculum is based on a highly effective planning which supports teaching, enables the children to build on prior learning and embeds scientific vocabulary to articulate their understanding. The working scientifically requirements are incorporated into each topic so that in addition to the core knowledge and vocabulary, children are developing skills of asking questions, observation, investigation and fair testing, predictions, collecting data and evaluation.

Impact

When children leave the school, they will have engaged in practical and theoretical based scientific enquiry because of the rich, broad and balanced Science curriculum that is progressive across the school. Their learning in science will have provided them with wider knowledge and understanding of the world around us. The children will have an increased awareness of how Science has and continues to change the world we live in. Through studies of famous scientists from a diverse range of backgrounds and role-models in the community, the children have an understanding of how different scientists impact on our current knowledge of scientific theories. Children will have a love for science and an enquiring mind.