

Deanery CE Primary School

Subject Vision – Science

Intent

Our vision at Deanery Primary School is to give children a science curriculum which enables them to experience the joy of discovery. Empower them to know and believe that one day they could be the inventor, creator, significant, key figure that future generations learn about in school because of what they brought to Science. To achieve this, our aim is to encourage every child to be curious. Teachers actively encourage the children to ask questions, challenge ideas and create opportunities for them to be “active learners,” where they are in control of exciting, practical investigations that foster a love of learning and finding answers.

Implementation

Carefully planned lessons centred around the 5 E’s (Engage, Enable, Explain, Extend and Evaluate) enable children to satisfy their curiosity with knowledge in a methodical way, involving: the importance of careful observations, the making and testing of predictions, conducting fair and controlled tests, interpreting results to make meaningful conclusions and proving their own theories in a variety of different ways.

At Deanery, we are very fortunate to have large school grounds, a garden area where the children plant and grow their own produce, as well as the local woods which are used to explore many aspects of the curriculum including: exploring seasonal changes, animals and their habitats and living things. Creating opportunities for the children to utilise these resources enable them to develop their knowledge and understanding of the world around them, and their natural sense of curiosity.

We believe that the fun, cross curricular opportunities we provide for the children will encourage them to be confident, life-long learners who will explore the world around them and aspire to aim high. This is manifested in our weekly science lessons and our annual science week. During this time, visitors come into school to discuss their careers with the children, whilst also providing practical, hands on experience for them to challenge their aspirations. This also enables teachers to show children how major scientific ideas contribute to technological change and how this impacts on improving the quality of our everyday lives.

Impact

When pupils leave Deanery Primary School, we hope that we have provided them with the skills and knowledge to explore their curiosities and to challenge and explore ideas further. We hope that our own love and passion is instilled in them and that we have given them the thirst for enquiry, exploration and excitement within science.