



Science at Ashby Hastings Primary School

Intent

Our Science Curriculum encourages children to be inquisitive and become independent learners by exploring possible answers for their scientific based questions. Children will acquire specific skills (including observations, classifying, researching, planning and investigating) and knowledge to help them think scientifically, whilst gaining an understanding of the uses and implications of Science, today and for the future. Science teaches children how to develop a strong sense of the world around them and understand scientific processes. Our Science curriculum starts from a child's existing understanding and involves the child actively in their learning process.

Implementation

Science will be taught weekly through discrete lessons. Certain topics and areas will be repeated across year groups, meaning that children may revisit a particular topic in each year of primary school. These will increase with difficulty and with a different focus each time. Scientific concepts, knowledge and understanding will be taught through topics and also covered cross curricular through other subject areas. There will be a strong emphasis on progression of knowledge and developing pupils' skills. By the end of each Key Stage, pupils will know, be able to apply and understand the matters, skills and processes specified in the programmes of study in the National Curriculum. Carefully selected enrichment opportunities, such as Science theme days and Science Week, will enhance pupils' learning. Curriculum organisation and timetabling will enable children's opportunities for constant recapping of knowledge and skills with well-spaced reviews.

Local aspects of interest to help inspire scientific studies at Ashby Hastings include the Ashby Museum and studies of the historic Ivanhoe Baths.

Impact

Children at Ashby Hastings will acquire both appropriate age related knowledge and skills which equip them to progress from their starting points, and within their everyday lives. All children will have a wider variety of skills, linked to both knowledge and understanding and scientific enquiry. This curriculum will provide richer vocabulary that will enable children to articulate their understanding of taught concepts and provide them with higher aspirations that will see them through to further study, work and a successful adult life with a passion for Science and the world around them.