



Springcroft Primary School- Science Intent, Implementation and Impact Statement

Intent

The intent of our Science curriculum at Springcroft Primary School is to give every child a broad and balanced Science curriculum which enables them to confidently question and explore what is around them, so that they have a deeper understanding of the world we live in. Our Science curriculum covers the National Curriculum Programmes of Study, alongside carefully planned practical experiments to develop the children's skills as Scientists. We aim to inspire our children's curiosity and to give our children the skills and attributes they need to become future thinkers, innovators and problem solvers. They will be encouraged to ask questions about the world around them and work scientifically to further their conceptual understanding and scientific knowledge. From EYFS up to the end of KS2, we intend to develop the natural curiosity of the child and help children to understand the uses and implications of science, today and for the future.

Implementation

Alongside our school's Vision and Values, which are the foundation of everything we do at Springcroft, the children are taught the National Curriculum Programmes of Study in Science. We ensure there is clear progression of skills, knowledge and vocabulary throughout school and practical experiments are deliberately and carefully planned into the sequences of learning to ensure pupils develop the competencies of working scientifically and scientific enquiry. Effective use of education visits and visitors are planned, to enrich and enhance the pupil's learning experiences within the Science curriculum. Peak Survival support each class with expert led outdoor scientific learning opportunities to match the topic. (Also providing CPD opportunities for staff.) The STEM Goblin Car project initiates our UKS2 children into engineering. Each class has trips out where science learning opportunities are covered in a variety of locations. For example; Zoos, rivers, beaches, Energy plants and museums. We will monitor progress regularly through learning walks, book scrutiny and pupil voice. We use assessment for learning to ensure all lessons are relevant and to plan for next steps.

Impact

We can see the impact of our teaching of Science through the behaviours and attitudes displayed by our pupils within the school, at home and in the wider world. Our children will know and value their health and well-being as well as that of the environment including plants and animals.

We endeavour to ensure that the Science curriculum we provide will give children the confidence and motivation to continue to further develop their skills into the next stage of their education and life experiences.