



Science Overview

Why?

At St Peter's Church of England Primary School, we encourage children to be inquisitive and see science as the world around them, whilst acquiring specific skills and knowledge to help them think and reason scientifically. We want them to gain an understanding of scientific processes and a knowledge of how science will affect their future on a personal, national, and global level. We firmly believe that a rich range of scientific vocabulary is essential for children to actively engage in scientific discussions, participate in science learning, and effectively communicate their newfound understanding.

How?

Our curriculum is centred around Developing Experts, a scheme that is used as a guide to plan lessons and is tailored to suit the needs of our children. In KS1 and KS2, science is taught in line with National Curriculum requirements over a two-year cycle. This ensures progression between end of key phases and guarantees that there is no repetition of content being taught. In each lesson, pupils are given key facts and knowledge, and each lesson offers Rocket Words, these are key words and meanings to learn; vocabulary, which is then repeated throughout the lesson, quizzed on at the end and repeated at the beginning of the following lesson.

All our lessons contain a balance of the different 'Working Scientifically Skills' and 'Scientific Enquiry' types, so that children practise a broad range of skills throughout the curriculum. Wherever possible and suitable the children are taken outside for a first-hand experience of their learning. The impact of providing an ambitious curriculum driven by our vision and values and taught by skilled teachers ensures that the children of St Peter's C.E Primary School leave prepared for the next stage of their education and able to succeed in life.

What?

The successful approach of our ambitious curriculum, results in a fun, engaging, high-quality science education that provides children with the foundations and knowledge for understanding the world. Our pupils are engaged and excited by their science lessons. The skills being taught equip them to develop their confidence, their love of science and provide them with knowledge of careers and opportunities related to science.