

Science Intent

Children are natural scientists. Our science curriculum at St Peter and St Paul's builds upon a child's natural curiosity to encourage a scientific approach through the process of investigative enquiry.

Our children will study science to build their understanding of the world around them. They will develop their respect for living organisms and the physical environment. We will start the processes that will equip our children with the scientific knowledge and language required to understand science's uses and implications, today and in the future. We will prepare them for further science at high school and beyond. Our science curriculum links to, supports and is supported by other areas of the curriculum, including Maths and English.

Within our lessons, children will learn a wide selection of skills through working scientifically. These include investigative learning involving hypothesis, prediction, exploration, practical testing and concluding. Each child will measure, interpret and use data, often collected using age-appropriate scientific equipment and technology. They will problem- solve and persevere. They will research and find evidence to support their ideas. Science enables children to develop the language to describe, reason, discuss, debate and record their findings and ideas with clarity and accuracy.

We expect our science work will sustain our children's curiosity and awe of the world and its processes. It will enable them to explore and talk about science, as well as developing a multitude of transferable learning skills.