



Science Curriculum Statement:

Science is an exciting area of learning for children as it stimulates and motivates them to engage with phenomena, topical issues and the world around them, developing a sense of awe and wonder as well as a deeper knowledge and understanding. Working scientifically is a key part of our curriculum which enables children to develop the essential skills needed to successfully plan, carry out and analyse scientific theories and ideas, which in turn leads to a developing knowledge and understanding of the key areas of learning. As Science links directly with practical experience, it appeals to and engages learners at all levels of ability. Through their Science work, children can understand the major contributions which Science has made to technological advances, its cultural significance and world-wide developments. Children are encouraged and taught to question and discuss science-based issues, while learning about different scientists and their contributions to science.

Our aims for Science:

At St. Leonard's, we follow the National Curriculum (2014) for Science and recognise its importance as a core subject. We believe that children are best able to reach their full learning potential when they are able to gain a wide range of experiences through exploration, discovery and collaboration. Within our Science planning, our aim is to provide opportunities for a broad curriculum, beginning in the Early Years, which not only covers the requirements of the National Curriculum but also allows for an evolving and deepening understanding, enriched by opportunities offered by external agencies and partners. This is achieved through cross-curricular and topical approaches which revisit the key scientific and enquiry skills and by planning regular opportunities for enrichment activities including assemblies, trips and visitors.

Through Science St. Leonard's Primary School aims to:

- develop curiosity and an enquiring mind.
- develop skills and attitudes central to the study of the subject.
- begin to build up a body of knowledge and skills that will serve as a foundation for future enquiry.
- develop an appreciation of the living world and a concern for its conservation.