

## **Science Curriculum Statement:**



### **Article 28**

Every child has the right to an education. Primary education must be free. Discipline in schools must respect children's human dignity.



### **Article 29**

Education must develop every child's personality, talents and abilities to the full. It must encourage the child's respect for human rights, as well as respect for their parents, their own and other cultures, and the environment.

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 an ever-deepening 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.

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.

### **Our school's vision for science:**

At St. Leonard's we will be inspired and enthused by Science in the world around us, near and far, and will be fully equipped with the scientific knowledge, skills and vocabulary to raise questions, investigate and make greater sense of that world.

### **How will this happen?**

### **Our school's principles for science:**

- 🔍 Our learning builds on what we already know, so we are always developing our knowledge, skills and understanding.
- 🔍 Our learning will be practical and hands-on, so we are active learners, who find things out for ourselves.
- 🔍 We will have the opportunity to raise scientific questions and then decide how best to find the answers. (research, investigation, observation)
- 🔍 Our teachers will help us to develop by asking us questions and challenging our understanding.
- 🔍 Our learning relates to the real world so we understand how science fits into everyday life.
- 🔍 We learn correct scientific vocabulary so that we can talk about our learning confidently.

