

## **Science Intent Statement**

At The Merton, we want our children to be naturally curious and excited about the world around them. We recognise the importance of science in every aspect of daily life and support the children to make links wherever possible. As one of the core subjects, we give the teaching and learning of science the prominence it requires.

We carefully plan opportunities to increase their knowledge and understanding of the world and promote the use of scientific vocabulary which needs to be taught and built upon as they travel through the school. Learning about science through books is also at the very core of what we do.

We also encourage our children to develop and use a range of working scientifically skills including: questioning, predicting, researching, observing and analysing for themselves. The children will be able to effectively plan and carry out scientific investigations and project work on their own and in groups. When working collaboratively, there will be a focus on communicating effectively. These experiences, whether successes or failures, will help shape them as resilient individuals.

We are committed to providing a stimulating, engaging and challenging learning environment. The children are expected to actively participate in practical lessons, making the most of our fantastic school grounds, to make learning exciting, purposeful and relevant. Opportunities for field work in the local area and school trips will allow them to experience science first hand.

The children will be taught how science has changed our lives and will learn about famous scientists through history including the present day. They will understand science is vital to the world's future prosperity including the role science plays in the field of STEM. We aim to produce confident, innovative scientists of the future who want to make a difference in our ever changing world.