

Vision For Science

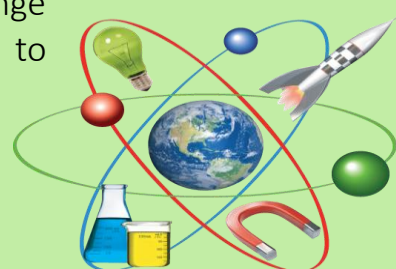
Great are the works of the Lord, studied by all who delight in them. Psalm 111:2

"What we know is a drop, what we don't know is an ocean." – Isaac Newton

At St. Mary's, our vision is to provide a hands on science curriculum, which empowers pupils to explore and discover. We aim to do this through practical and exciting experiences, which encourage curiosity and foster learning, thus providing a stimulating and open-minded curriculum that nurtures children's natural curiosity, building in them **resilience**, independence and **compassion** for those affected by their wait for new scientific discoveries. Through enquiry-based activities, children will confidently experience the joy of exploration, discoveries and improvements which will give them an understanding and **awareness** of the world around them.



Our vision is to ensure pupils of all abilities can access a range of hands on, practical activities and research projects, to further their learning in science. We aim to develop a broad, rich and engaging curriculum for all our pupils, unlocking their potential for future life choices and kindling in them **aspirations** of a career in Science.



As well as looking at the work of scientists past and present and the impact their work has on us now, we believe real-life examples are a fundamental part of our approach and members of the STEM community are invited in to share their experiences with our pupils. We work closely with the Primary Science Teaching Trust (PSTT), who provide us with resources and first hand support, which enhances the delivery of our Science Curriculum.



Through building up a body of key foundational knowledge and concepts, pupils should be encouraged to recognise the power of rational explanation and develop a sense of excitement and curiosity about natural phenomena. They should be encouraged to understand how science can be used to explain what is occurring, predict how things will behave, and analyse causes. (DfE National Curriculum Science)