

Science at Thorndown Primary School

Science aims to excite children's natural curiosity also equip them to question and understand concepts and phenomena in the world. Through the teaching of skills, knowledge and understanding, pupils engage as scientists through practical experience and enrol on a journey that seeks to explain scientific issues on a personal, national and global scale.

Scientific knowledge, methods, uses and processes are taught through a combination of whole class, group teaching and individual work. Different learning styles are accommodated as children are engaged in investigations which promote co-operation, perseverance, open-mindedness and responsibilities. Children are presented with opportunities to develop observations skills, predict how they expect things to behave and analyse causes. Resources, wide variety of secondary sources such as our well stocked 'Discovery Suite' and access to technology all enhance and deepen learning experiences.

Whilst working scientifically, children are encouraged to raise questions to investigate; plan a fair scientific investigation; carry out activities safely, collect, present and interpret results in a variety of ways and finally evaluate their investigation. Science also contributes significantly to the teaching of other curriculum areas. It has a key role in English and Maths and is actively promoted by reading, writing, speaking and listening. Without the application of Maths; estimation, prediction, accurate observations, measurements and recording, interpreting results would not be possible.