

## St. Paul and St. Timothy's Catholic Infant School

### Our Curriculum

#### Science Statement of Intent

At St Paul and St Timothy's Infants School, we aim to provide with a high-quality Science curriculum which should ultimately inspire a curiosity and fascination about the world around them. Each of our topics in science are embedded with scientific enquiries to ensure our pupils are equipped with the skills to be able to think scientifically.

<b>Intent</b>	<p>To build a Science curriculum which improves learning in all areas of the curriculum by developing the 'whole child'. To enable our pupils to learn about the world around them. We want children to enjoy and love learning about science by gaining this knowledge, skills and vocabulary, not just through experiences in the classroom, but also by exploring the local environment and through our field trips.</p> <p>All children are encouraged to develop and use a range of skills including observations, planning and investigations, as well as being encouraged to question the world around them and become independent learners in exploring possible answers for their scientific based questions. Specialist vocabulary for topics is taught and built up, and effective questioning to communicate ideas is encouraged. Concepts taught should be reinforced by focusing on the key features of scientific enquiry, so that pupils learn to use a variety of approaches to answer relevant scientific questions</p>
<b>Implementation</b>	<p>Clear and comprehensive scheme of work in line with current guidelines. Topics are taught in a cycle of lessons which include a pre and post assessment to assess prior knowledge as well as the effectiveness of teaching.</p> <p>Throughout each unit pupils will complete scientific investigations to apply the knowledge they have been taught in that unit. These investigations will allow pupils to practise working scientifically.</p>
<b>Impact</b>	<p>Pupils will be able to use scientific language to explain concepts and ideas. They will be able to plan and implement their own scientific enquiries. Assessment is a key part of our curriculum, Pupils will complete and assessment at the beginning and end of each unit of work to monitor the impact of teaching.</p>