



## Our Vision for Science at St. Matthew's Primary School

### Independence and Collaboration

At St Matthew's we believe passionately about developing children's independence, team work and collaboration in Science. Children work scientifically in mixed ability groups, each person has a purposeful role and work together to solve real life problems. By giving children this freedom to make mistakes and work together they can develop key working scientifically skills such as accuracy and precision. By continually questioning the experimental design, children are able to leave St Matthew's with a high level of critical and evaluative thinking which can be transferred to all areas of the curriculum.

Children are naturally curious and passionate about learning. At St Matthew's Catholic Primary School we provide a stimulating science curriculum that nurtures this curiosity and allows pupils to ask questions and develop the skills they need to answer those questions.

I believe that science in the primary classroom should enable pupils to investigate problems, learn how and why science works and discover why science matters in the world. Through a hands-on, inquiry-based curriculum, children will experience the joy of having wonderful ideas that they can explore and investigate. They will experience the joy of 'finding things out' whilst nurturing their natural curiosity and intellectual development.

We recognise that in an increasingly scientific and technological age children need to acquire knowledge, skills and attitudes to better prepare them for modern life. Leaders ensure that the Science curriculum is robust and ensures full coverage of knowledge and skills for all year groups with a focus upon 'working scientifically' providing opportunities for pupils to work as 'real scientists' would do.

Real-life experiences are a fundamental part of our approach and members of the community are regularly invited in to share their experience and expertise. A holistic approach to teaching and learning allows children to explore science in a cross-curricular manner.

At St Matthew's there is a whole school ethos of understanding and caring for the world around us and an understanding of our responsibility towards both the immediate and wider environment and community. We recognise the limitations of our 'land locked' school grounds but fail to let that hinder our zest for this subject.

Many visitors, visits and resources are employed to enhance our curriculum to its maximum. A rich resource curriculum allows us to utilise to inspire and effectively meet the requirements of the 2021 EYFS Framework and the National Curriculum Programmes of Study. Through use of our outdoor classroom at Windsor Gardens, we are able to further enrich many aspects of the science curriculum whilst ensuring that learning is embedded through memorable and practical learning experiences.