

Quality of Education: Science Curriculum

St Matthew's CE Primary School

Our Vision Statement:

Let Your Light Shine

Our Mission Statement:

Our Mission for St. Matthew's is encapsulated in our school motto: 'Let Your Light Shine'. We are always working to build a community in which everyone is empowered to know the best of themselves and to have the confidence to use their talents for the good of themselves and their communities. We help all members of our community to become resilient to the challenges that they face and to live a life that is rooted in values of the Gospels.



Matthew 5, 14-16

"You are the light of the world. A city set on a hill cannot be hidden. Nor do people light a lamp and put it under a basket, but on a stand, and it gives light to all in the house. In the same way, let your light shine before others, so that they may see your good works and give glory to your Father who is in heaven."

Statement of Curriculum Intent

At St Matthew's we recognise the importance of science in every aspect of daily life. As one of the core subjects taught in primary schools, we give the teaching and learning of science the prominence it requires.

At St Matthew's, in conjunction with the aims of the National Curriculum, our science teaching offers opportunities for children to:

- Develop scientific knowledge;
- Conceptual understanding through the disciplines of biology, chemistry and physics;
- Develop understanding of the nature, processes and methods of science through different types of enquiries that help them to ask and answer different types of questions;
- Be equipped with the scientific knowledge required to understand the uses and implications of science today and for the future;
- Develop the essential scientific enquiry skills to deepen their scientific knowledge;
- Deliver a curriculum that inspires and enthuses scientific learning and discovery.

Statement of Implementation

Teachers create positive attitude to science learning within their classroom whilst developing resilience within investigations. Our science learning is planned in unit blocks by the class teacher enabling the achievement of a greater depth of knowledge. Units are planned creating engaging lessons and the links between the feeder high school are made in upper Key Stage 2 which provides the pupils with access to high quality specialised teaching and resources.

Principles of Curriculum Design

The science curriculum at St Matthew's is underpinned by the **National** Curriculum which provides structure and development for the science curriculum throughout being taught school. Meaningful links are made across the curriculum to provide a creative scheme of work, that fully immerses the children in learning.

Statement of Impact

Our curriculum is designed to be highquality, well-thought out and planned to demonstrate progression.

The children are assessed at the end of each unit against the planned outcomes and it is recorded onto Target Tracker. The impact of the curriculum is measured through child led discussions once a term.