

Science

Aims

Through high-quality science teaching, we aim to help our pupils understand how major scientific ideas have played a vital role in society. Moreover, we aim to prepare our pupils for life in an increasingly scientific and technological world

The 2014 national curriculum for science aims to ensure that all pupils:

- develop **scientific knowledge and conceptual understanding** through the specific disciplines of biology, chemistry and physics
- develop understanding of the **nature, processes and methods of science** through different types of science enquiries that help them to answer scientific questions about the world around them
- are equipped with the **scientific skills** required to understand the **uses and implications** of science, today and for the future. We understand that it is important for lessons to have a skills-based focus, and that the knowledge can be taught through this

It is our INTENT at Maltese Road Primary School to inspire inquisitive minds and a thirst for knowledge and understanding of the world around us. Our science curriculum will develop their curiosity, elicit a sense of excitement about natural phenomena, encourage respect for living organisms and the physical environment and provide opportunities for critical evaluation of evidence. Scientific Enquiry skills and investigative skills are embedded in each topic and revisited and developed through the school.

We aim to IMPLEMENT this through a curriculum which carefully plans for progression and depth, provides opportunities for rich learning experiences that help our children acquire a growing understanding of scientific ideas and prepare them for life in an increasingly scientific and technological world.

The IMPACT of a well thought out and planned science curriculum will demonstrate progression, the acquisition of knowledge and skills which will equip them to progress from their starting points and within their everyday lives.