



## Statement of Intent - Science.



At St Margaret Mary's Catholic Junior School, we aim to provide a high-quality education, following the National Curriculum, that will inspire pupils' curiosity and fascination about the different strands of Science biology, chemistry and physics. Children will be shown how each strand are vital within the world we live in, both developments made in the past but also modern day scientific work that will inspire our children and spark intrigue. Science has changed our lives and is vital to the world's future prosperity, and spark natural curiosity.

We recognise the importance of Science and as one of the core subjects taught in Primary Schools, we give the teaching and learning of Science the prominence it requires. All pupils should be taught essential aspects of the knowledge, methods, processes and uses of science.

### Aims

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

- Can plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- Can take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- Can record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- Can test results to make predictions to set up further comparative and fair tests
- Can report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- Can identify scientific evidence that has been used to support or refute ideas or arguments.