



St Joseph's Catholic Primary School

Our Intent, Implementation and Impact statement for Science

Intent

Our intention is to recognise the importance of Science in every aspect of daily life. We give the teaching and learning of Science the prominence it requires. The Scientific area of learning is concerned with increasing pupils' knowledge and understanding of our world, and with developing skills associated with Science as a process of enquiry. It will develop the natural curiosity of the child, encourage respect for living organisms and the physical environment and provide opportunities for critical evaluation of evidence. We intend to build a Science curriculum which develops learning and results in the acquisition of knowledge and build a Science curriculum which, enables children to become enquiry based learners.

Implementation

A clear and comprehensive scheme of work, in line with the National Curriculum where teaching and learning should show progression across all key stages within the strands of Science.

Children have access to key language and meanings in order to understand and readily apply to their written, mathematical and verbal communication of their skills.

Children will use a range of resources to develop their knowledge and understanding that is integral to their learning and develop their understanding of working scientifically.

Opportunities to plan for practical investigative opportunities, within Science lessons.

Children will reflect on previous learning and cross curricular links will be made wherever possible Children will be able to build on prior knowledge and link ideas together, enabling them to question and become enquiry based learners.

Attainment will be assessed each half term.

Impact

Most children will achieve age related expectations in Science at the end of their cohort year.

Children will retain knowledge that is pertinent to Science with a real life context.

Children will be able to question ideas and reflect on knowledge.

Children will work collaboratively and practically to investigate and experiment.

Children will be able to explain the process they have taken and be able to reason scientifically.

Children learn the possibilities for careers in science as a result of our community links and enrichment activities such as 'Aspirations Week'. Pupil voice is used to further develop the Science curriculum, through questioning of pupils' views and attitudes towards Science, to assess the children's enjoyment of science, and to motivate learners

