What does Science look like at St Joseph's?

Science in our school is about developing children's ideas and ways of working that enable them to make sense of the world we live through investigations. Children are exposed to high quality teaching incorporating exploring their outdoor environment and locality, thus developing their scientific enquiry and investigative skills. They are exposed to scientific vocabulary, which aids children's knowledge and understanding not only of the topic they are studying but of the world around them.

Why do we learn Science?

We believe that a high quality science education provides the foundations for understanding the world through the specific disciplines of biology, chemistry and physics. We wish to develop children who question, show curiosity and wish to investigate as we believe these skills are important for life.

Our science curriculum is designed to:

- Raise aspirations through learning about scientists who have contributed to our world today.
- Increase children's science capital and recognise how science contributes to future employment.
- Develop concept and investigative skills in children to help them answer questions.
- Improve vocabulary through the use and understanding of scientific terms.

What do our children say about Science?

"Science is my favourite lesson. I love doing investigations."

"I like Science, we learn about the world and how things work."

"I love animals. I like learning about them in Science and planting and going on bug hunts in forest school."

How is our science enriched?

At St Joseph's, we want the children to see themselves as scientists and recognise that science is all around them in everyday life. We provide experiences to enrich and develop their science capital through using our forest school, where the children look at plant growth and the animal life cycles/classification. We encourage staff to provide our children with visitors to the classroom and run a weekly science club.