



Our vision for Science:

When teaching Science, here at St Peter's, we hope to inspire our children by:

- Giving them the opportunities to pursue their natural curiosity;
- Promoting the experience of exploring and
- Investigating scientific phenomena, in a range of contexts, to ensure a continually evolving knowledge and understanding of the world around them.

Our children are encouraged to ask questions, experiment, reflect and make (and learn from) mistakes in a safe environment. Through this they will acquire and apply core skills which will equip them for life in an increasingly scientific and technological world, today and in the future.



**“Sowing the seeds
of tomorrow.”**

Matthew 13:1-23

The aims of Science at our school are to:

At St Peter's CE Primary School, Science is taught as a discrete subject.

We aim to ensure that all pupils:

- Develop scientific knowledge and conceptual understanding through specific disciplines of biology, chemistry and physics.
- Develop an understanding of the nature, processes and methods of science through different types of scientific enquiries that help them to answer scientific questions about the world around them.
- Are equipped with the scientific knowledge required to understand the uses and implications of science, today and for



What do we learn in Science?

Science is a core subject in the National Curriculum (for England, Wales and Northern Ireland). In England, there are 4 areas of study incorporated into the skills and knowledge to be covered. These are:

- Scientific enquiry
- Biology: Life and living processes
- Chemistry: Materials and their properties
- Physics: Physical processes



We teach scientific enquiry through the contexts of the three main content areas.

What does Science look like at St Peter's?

Children learn through practical activities which develop their investigative skills and encourage a desire to find out about the world around them. We study living things, materials and states of matter, light, forces, sound, electricity and earth and space. We encourage children to discover, investigate, ask questions, observe, collaborate, predict, investigate and conclude. Children are expected to use correct and appropriate scientific vocabulary to explain what they observe.

What do our children say about Science?

“I like Science a lot. I enjoyed learning about the states of matter - especially when we investigated, by making things change into a different state of matter.”



“I think Science is fun. I liked comparing our shoe sizes when I was in Year 2.”

Impact Statement

By the time children leave St Peter's, they are aspiring Scientists. They pursue their natural curiosity in a safe environment, developing an understanding of the nature, processes and methods of science through scientific enquiries and can answer scientific questions about the world around them. They are equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.