

Science at Buttsbury

At Buttsbury Primary School the **intent** of our Science curriculum is to encourage children to be knowledgeable and inquisitive about the world around them. We aim to develop their scientific skills through a variety of tasks that include practical scientific enquiry; discussing, making and recording observations, applying their learning to the 'real world', form reasonable conclusions based on observations and results (both orally and in written form) and build upon their previous learning.

How is Science **implemented** at Buttsbury Primary School?

We have a broad and balanced Science curriculum at Buttsbury Primary School. The children are given rich, vibrant and meaningful opportunities both inside and outside of the classroom, within a curriculum that is ambitious for all learners. Children have the opportunity to master their learning by *'applying what they have learnt to a new situation'*.

Units of learning are blocked, well sequenced and build on previous learning. Lessons ensure that progress is achieved through small steps, allowing children to develop their subject knowledge, consolidate skills and apply their learning. Strands in Science are derived from the National Curriculum, carefully planned to build on previous knowledge through our Progression Document and woven into our own bespoke curriculum. The Progression Document identifies core knowledge for each of these strands.

At Buttsbury Primary School, Science lessons may include:

- A focus on Scientific Enquiry Skills.
- A range of opportunities to understand and develop key scientific knowledge.
- Opportunities to communicate scientifically using accurate vocabulary.
- Opportunities to consider how science influences and affects our everyday lives.
- Opportunities to prepare children for life in an increasingly scientific and technological world.
- Indoor and outdoor learning, including visits or visitors in school.
- Adaptation of lessons to enable all learners to achieve.

What is the **impact** of the Science curriculum on our children?

Our curriculum encourages children to be inquisitive, enthusiastic and able to use Scientific Skills. By learning about the wider world, children will have a greater scientific understanding of the world they live in.

It is designed to develop skills that are transferable across all areas of learning. By making meaningful links between Science and other subjects children understand that Science is an integral part of the world around them.

As a result of our Science curriculum, children are equipped with the necessary knowledge and skills for the next stage of their education.

What our children say about Science

Reception: "I like being a Scientist. I like finding out new things."

Year 2: "I like Science because we get to test out things."

Year 3: "It's my favourite lesson. It's really cool. You get to learn lots of new things. We do some fun stuff."

Year 5: "I really enjoy Science because we can make and build things and then test them out. You find out things you didn't know. It helps you in later life."

Year 6: "I love Science because you get to do interesting experiments. It's fun testing things out to see what would happen."