



Science at Buttsbury

At Buttsbury Infant 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 curiosity and observational skills through scientific tasks including practical scientific enquiry, talking about what they can see and what is happening using scientific vocabulary, recording their observations, applying their learning to the 'real world' and building upon previous learning.

How is science **implemented** at Buttsbury Infant School?

We encourage a healthy growth mindset by promoting social skills including good manners, resilience, perseverance, self-awareness, consideration and cooperation. The curriculum supports children to become fantastic role models and the very best versions of themselves.

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 include: EYFS – Understanding the World, Working Scientifically, Animals including Humans, Everyday Materials, Properties and Change of Materials, Plants, Weather and Seasonal Changes, Living Things and their Habitats.

At Buttsbury Infant school, science lessons may include:

- Using scientific enquiry to provide opportunities to discuss, observe, record, predict and summarise.
- A range of opportunities to understand and develop scientific concepts and skills.
- Opportunities to communicate scientifically using accurate vocabulary.
- Opportunities to think about and consider how science affects our everyday life and the impact of famous scientists on our world.
- Indoor and outdoor learning, including visits or visitors to the school.

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

Our curriculum encourages children to be inquisitive, curious and enthusiastic about the world around them. By learning about the wider world, children will have a greater scientific understanding of the world they live in.

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

What our children say about science

EYFS – “I like doing experiments”. “I like being a scientist”. “Water makes fire go out”. “I like finding out new things”. “Some potions explode”. “Science is experiments”.

Year 1 – “we found out about different materials and what they are made of.” “I liked going on a material hunt”. “We put animals into 6 groups and named them”.

Year 2 – “I like science because we get to test out things”. “I like doing all of the experiments like the bread experiment”.