

At Buttsbury Junior School the **intent** of our Science curriculum is to encourage children to be knowledgeable about the world around them. We aim to make children inquisitive through developing scientific skills through a variety of tasks that include practical scientific enquiry, make and record observations, apply 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. This is conducted with consideration to keeping safe in Science.

### How is Science **implemented** at Buttsbury Junior School?

We have a broad and balanced Science curriculum at Buttsbury Junior School where children are given 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 both within KS2 and KS1. 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: Working Scientifically, Animals Including Humans, Rocks, Light, Forces and Magnets/Forces, Living things and their habitats, States of Matter/Properties and changes of materials, Sound, Electricity, Earth and Space and Evolution and Inheritance.

At Buttsbury Junior School, Science lessons may include:

- Using scientific enquiry to provide opportunities to predict, hypothesise, observe, record and conclude.
- A range of opportunities to understand and develop key scientific concepts and skills. Consequently, helping to develop positive attitudes towards science.
- 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.

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

Our curriculum encourages children to be inquisitive 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 secondary school.

### What our children say about Science

**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 4:** "We learn so much in Science! I enjoy experiments in electricity."

**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."