

Why Is Science Important?

Science stimulates children's natural curiosity and as such helps them to understand the world around them. Through building their 'Science capital' at primary school, children learn to ask questions, make accurate predictions, observe, test and communicate findings/understanding.

Furthermore, the teaching of science supports the development of fundamental life skills such as critical thinking. Science and Engineering are rapidly growing and important industries in today's world; therefore it is important that children develop a lifelong interest within this part of modern life.

Our Science learning is really fun at Bartons. I particularly enjoyed making a pumping heart to investigate how blood pumps around the body this year.

Y6 Child

What Does Science Look Like At Bartons?

At Bartons Primary School, we aim to provide hands on, creative and contextual Science learning for all of our children. The curriculum is well balanced between learning key knowledge that the children learn and build on each year and developing scientific enquiry skills through planning and carrying out investigations. Our children are enthusiastic scientists and they look forward to each unit - especially our annual 'Science Week', which allows them to fully immerse into a scientific topic. Learning is further enhanced through assemblies, trips and cross-curricular learning with other STEM subjects.

SCIENCE AT BARTONS

What Do We Learn?

At Bartons Primary School we follow the national curriculum for Science; this means the children study a range of topics throughout each year. Some of our highlights are:

- Properties of materials in KS1 - the children in Year 2 really enjoy investigating materials to create lifejackets linked to their Titanic topic.
- Electricity in KS2 - the children in Year 4 enjoy learning how to create circuits and how these operate every day items.
- Earth and Space in KS2 - the children in Year 5 find awe and wonder by investigating the universe and Earth's place in it.

We get to go on lots of trips linked to our Science learning such as: Winchester Science Centre where we went to the planetarium and Paultons Park where we studied rollercoaster forces.

Y5 Child

