

Science at Bartons

What does science look like at Bartons?

At Bartons, children learn through practical activities which develop their investigation skills and encourage a desire to find out about the world around them.

Science is taught in blocks to provide the children with an immersive experience. Where further time can be given to understand the topic and conduct investigations to improve their investigative skills.

I really enjoy science at Bartons because we do exciting experiments where we predict and discover things! **Year 6 - Nene**

I love science week because we get to do a science fair. I get to share my science knowledge with everyone and I even do extra science at home to prepare! **Year 4 - Orion**

Why is science important?

At Bartons we know that science, influences all aspects of everyday life. From the food we eat to the way we get around, science is everywhere.

Science helps shape a child's development. As they learn to ask questions, make predictions, observe, test and then communicate their findings children discover the world around them.

Over time the relationship between science and critical-thinking skills become apparent.

What do we learn?

Children at Bartons learn about 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 taught to use the correct and appropriate scientific vocabulary to explain what they observe.

What events take place?

- Science day
- Science week
- STEM Club
- Science club
- MAGT sessions
- STEM Events
- Planetarium visit (Yr5)
- Paultons Park (forces Yr5)

By the end of the year each child should...

By the end of each year every child will have had the opportunity to ask questions, predict and investigate.

Every child will have a clear understanding of the appropriate scientific vocabulary associated with each topic. Building knowledge and understanding progressively across their primary science journey.