



Science

What science looks like at Ribbon

In science, we aim to inspire our children by giving them the opportunities to pursue their natural curiosity; promoting the experience of exploring and investigating scientific phenomena, in a range of contexts, to ensure a continually evolving knowledge and understanding of the world around them.

Our children are encouraged to ask questions, experiment, reflect, make and learn from mistakes, in a safe environment. Through this they acquire and apply core skills which equip them for an ever-changing world.

Children learn through practical activities which develop their investigative skills and encourage a desire to find out about the world around them. Work and support are adapted and personalised to ensure all children with SEND are fully included and engaged in every lesson. For those working beyond year group expectations, opportunities are provided to further develop their scientific enquiry skills.

We study living things and their habitats; animals, including humans; plants; materials; seasonal changes; rocks;

*Finding out new things
in science is fun.*

Year 2

*I really like science because
we learn new facts about the
world, and understand more
when we do experiments.*

Year 5

*I loved it when the man
brought in the bugs! I learned
all about them, it was brilliant!*

Year 1

Why is science important?

Science enables children to find out about the world around them and how it works. Through outside learning, they can appreciate the animals and plants with which they share the planet supporting their work in Rights Respecting. It broadens their understanding of everyday concepts, patterns and changes, and encourages a passion for investigation. Our work will help children to understand the uses and implications of science, today and in the future.

Examples of learning at Ribbon

At Ribbon, children have the opportunity to develop their scientific curiosity, and enhance learning through engaging enquiries and investigations. Children are encouraged to ask questions, discover for themselves. From early years, where experimentation is part of daily learning, to Y6 where the children pose questions, come up with their own hypotheses (based on prior learning), design investigations and come to their own conclusions.

Pupils at Ribbon take part in British Science week (alongside their parents/carers) engaging in fun and exciting science experiments, as part of Ribbon's Parent Workshops.

Science learning at Ribbon takes many different forms.

We have enhancements in school to boost the children's learning in science, such as the planetarium for Earth and space, and a visit from Zoo Lab for the