

Science

Children enter school with a natural interest in the world around them and we actively encourage and develop this curiosity through our science work.

Our principles for teaching good science are that children need:

- To know things – knowledge
- To find out about things – ask and answer questions
- To understand how science can help our world in the future – science capital

In their science work, children will be developing their powers of observation, investigation and interpretation. This will be done by learning facts alongside practical hands on tasks. We aim to give our children the opportunity to engage in a range of enquiry types. By posing questions and hypothesizing, children will be able to devise experiments to test their ideas. Recording their findings and drawing conclusions will help children to extend their understanding.

Much of their work will be drawn from everyday situations and the local environment to find out about the world around them. We look for opportunities to teach children about science beyond the classroom by using visitors and news stories to develop their understanding of science in the real world.

We have a shared understanding of the value of science within our school community and many homework tasks are set to encourage science to take place at home. We also have a wonderful outside area which includes an allotment and a woodland area. This is used as much as possible.