

As pupils learn science, they also learn about its uses and significance to society and their own lives.'

Research review series: Science, DFE, 2021

At Warren Wood, we recognise the importance of science in every aspect of daily life. As one of the core subjects, we give the teaching of science the prominence it requires. Science at Warren Wood focuses on increasing pupils' knowledge and understanding of our world, and with developing skills associated with Science as a process of enquiry. We aim to develop a fun, practical and engaging high-quality curriculum that inspires the next generation to succeed and excel in science. We do this through fully adhering to the aims of the national curriculum and fostering a healthy curiosity and interest in the sciences which in turn, enables children to become enquiry based learners. Wherever possible we intend to deliver lessons where children learn through varied systematic investigations, leading to them being equipped for life to ask and answer scientific questions about the world around them.

Our teaching and learning supports our curriculum by ensuring that lessons build on prior learning and provide opportunities for guided and independent practice. We believe in a hands-on approach where children learn by doing it for themselves. This approach encourages our children to build resilience and become creative, critical thinkers.

Regular events, such as Science Week, and 'Wow Days,' allow all pupils to come off timetable, to provide broader provision and the acquisition and application of knowledge and skills.

We believe science encompasses the acquisition of knowledge, concepts, skills and positive attitudes developed through our values by:

- Respecting the world around us
- Demonstrating excellence in our learning and understanding
- Collaborating when working practically
- Continually developing their independence
- Persevering to answer challenging questions
- Demonstrating enjoyment of the subject.
- Recognising that integrity is central for good scientific practice
- Caring for our environment and our planet
- Showing leadership through proactively seeking to and demonstrating these skills.

## Useful Links:

The following are engaging and fun for all pupils across EYF, KS1 and KS2 with a big range of coverage across all the topics.

<https://wowscience.co.uk>

<https://sciencebob.com>

<https://www.stem.org.uk/remote-lessons>

<https://explorify.wellcome.ac.uk/>

<https://www.sciencekids.co.nz/>

<https://www.natgeokids.com/uk/category/discover/science/>

<https://www.brainpop.com/>

<https://www.topmarks.co.uk/Search.aspx?Subject=26>

<https://www.bbc.co.uk/bitesize/subjects/z7nygk7>

<https://www.sciencefun.org/kidszone/experiments>

## Science Policy

Please use the link below to access Warren Wood's Science Subject Policy:

[https://4b89542e-4f56-4437-bf9d-7963bb16274f.usrfiles.com/ugd/4b8954\\_c0796d8c5465418a92f3281fb60ea68f.pdf](https://4b89542e-4f56-4437-bf9d-7963bb16274f.usrfiles.com/ugd/4b8954_c0796d8c5465418a92f3281fb60ea68f.pdf)