

Science at Western Road

How does Science fit in with our school values?

Well - rounded - Science provides opportunities for children to develop in many areas. Children are encouraged to develop their own natural curiosity to ask their own questions, explore the world around us and investigate using their own skills. Science is about being inquisitive and not always having the right answers but finding out and trying new things.

Resilient - Science at our school involves a lot of independence from the children. It is where we are allowed to explore and test our thoughts and ideas to find conclusions rather than being told we are right or wrong.

Courageous - We have to be courageous to think outside of the box and share our ideas. Explaining your answer is often the hardest part but we have participated in many STEM challenges that allow us to practise this.

Pupil voice - The children at our school enjoy science and it is shown through pupil voice surveys and they're attitudes during lessons. They often say it is the practical nature of science and the opportunities to learn about the relevant world around them that excites them.

Skilled - We develop many skills in Science. These are Science-based skills such as observing, predicting, classifying and measuring or they could be skills we use on an every day basis such as communication, team work, sharing and listening. We use many cross-curricular links to support our understanding.

Leves and Beyond - Science is EVERYWHERE and we are encouraged to find this out through outdoor learning in our school grounds as well as exciting trips to The Railway Land, Herstmonceux Science Centre, The Sealife Centre etc.

What does it look like at Western Road?

Our Science curriculum offers a broad range of experiences designed to provide pupils with a progression of scientific understanding, skills and knowledge. Children learn through practical activities which develop their investigative skills. They are given opportunities to find out about different scientific professions and famous scientists. Through Science we raise aspirations and encourage new ambitions.

At our school we follow the Kent Science scheme of work. Using this we are able to monitor the understanding of key ideas being built upon across the key stages. The progression of skills allows children to move from early observations and exploration to considered questioning and expanding ideas.

What do our children think?

Our biscuit experiment was the best! It showed us how it works instead of telling us.
- Year 4 child

It is always different. Sometimes we draw, sometimes we go outside, sometimes we label things.
- Year 2 child

Interactive experiments are fun and we still learn things!
- Year 6 child