





SCIENCE

Our Agreed consistencies for Science are:

- All children have a science book.
- We use the Kent Scheme to ensure progressive and thorough coverage.
- Where possible all topics will offer a practical, hands on investigation.
- Classrooms display current knowledge vocabulary.

If you were to walk into a science lesson at Hawkhurst you would see:

- Use of relevant vocabulary related to the subject and skills being taught.
- Use of equipment to support teaching and learning.
- Children articulating their viewpoints and opinions in a supportive learning environment.
- Tailored provision for those requiring additional support and challenge.
- Moments to reflect and consider the key learning.
- Moments to reflect on the scientific skills they are learning.
- All children being encouraged to experience the fullness of life and appreciate the awe and wonder in the theme or topic.
- Hands on practical learning experiences to engage learners.

In our science curriculum you will see that we value inclusion and diversity:

- Teaching is tailored to the strengths and needs of the class and provision is made for children requiring alternative resources or additional support.
- We study a variety of scientists past and present from a variety of different cultures, races and religions, placing equal value on their achievements.
- We actively dispel the “mad scientist” stereotype, challenging beliefs and actions.

British Values and Spiritual, Moral, Social and Cultural Learning (SMSC) in Science:

Spiritual – We discuss the scientific vs religious explanation of the natural world, without judgement. By providing facts and thoughts, allowing children to formulate their own opinions in a safe environment.

Moral – We want our pupils to understand how science is vital to our world’s future prosperity. Through teaching and learning within Science, children investigate moral and ethical issues. Staff help children to learn about world issues, but most importantly, consider what they can learn and take away themselves from the content covered to help shape their own beliefs, values and morals.

Social (inc British Values) – Children are encouraged to listen to each other’s opinions and ideas and the opinions and ideas of scientists, regardless of race or faith. This supports the British Values of respect and tolerance.

Cultural – Diversity is celebrated through exploring scientists and cultures around the world. This aids understanding and acceptance of a diverse range of beliefs.

