SMSC in Science at Beechwood Primary School

At Beechwood Primary School, we aim to ensure that our science curriculum feeds into the SMSC development of each and every pupil. This includes allowing children to develop a sense of awe and wonder, develop their awareness of the changing world around them, understand the consequences of their actions and develop personal qualities and social skills through group and practical work.











Spiritual Development in Science:

- Experiencing awe and wonder
  - Awe of the scale of living things from the smallest microorganism to the largest tree.
  - The complexity of living things.
  - The beauty of natural objects or phenomenon e.g. The Earth from Space, planets, weather, changing seasons.
- Using imagination and creativity in learning.

Moral Development in Science:

- Investigating moral values and ethical issues
- Understanding the consequences of their actions

Social Development in Science:

- Developing personal qualities and social skills through group and practical work
- Considering the safety of others during practical work
- The effect of science on their lives e.g. Through enhancement of plant growth
- Health issues e.g. Effect of smoking, healthy eating

Cultural Development in Science:

- Exploring, understanding and respecting diversity
  - Plant and animal biodiversity, sustainability and its importance
  - Different types of ecosystem

- Participating in and responding to cultural activities
  - Celebrating Space
  - Changing ideas about the universe
  - Celebrating the role scientists have played in our society



The Science Subject Leadership Team

Updated October 2026