

# SMSC Development through the Endeavour Curriculum

## Science

### Spiritual

Science supports spiritual development by:

- Encouraging pupils to develop a sense of awe, wonder and curiosity about the natural world, the universe and the phenomena they observe.
- Helping children reflect on big questions about life, existence, nature and humanity's place within the world.
- Providing opportunities for pupils to appreciate the beauty, complexity and interconnectedness of living things, materials and physical processes.
- Allowing children to develop self-confidence and independence as they investigate, question and discover new ideas.

### Moral

Science supports moral development by:

- Encouraging pupils to consider the ethical implications of scientific discoveries—such as environmental impact, sustainability and use of resources.
- Helping children understand the importance of honesty and accuracy when collecting data, recording results and drawing conclusions.
- Promoting fairness and respect for truth by teaching pupils to evaluate evidence, challenge assumptions and recognise bias.
- Developing pupils' understanding of responsibilities humans hold for protecting the environment, animals and future generations.

### Social

Science supports social development by:

- Providing numerous opportunities for teamwork during experiments, investigations and problem-solving activities.
- Encouraging pupils to communicate effectively e.g. explaining findings, listening to others' ideas and collaborating on hypotheses and methods.
- Helping children understand how scientific knowledge is built collectively through shared inquiry, discussion and evidence.
- Highlighting how science contributes to society and how communities work together to address scientific or environmental challenges.

### Cultural

Science supports cultural development by:

- Introducing pupils to scientific achievements and discoveries from a wide range of cultures and historical periods.
- Helping children appreciate how different societies have contributed to scientific understanding—from early astronomy to modern technological advances.
- Encouraging respect for diverse ways of understanding the natural world, including traditional knowledge and global perspectives.
- Demonstrating how science influences culture and everyday life, shaping technologies, health, communication and innovation worldwide.