



Science SMSC Statement

Life In All Its Fullness John 10:10

At Halam C of E Primary School, our Science curriculum, linked to the Learning Challenge Curriculum, supports our Christian vision by fostering curiosity, responsibility, and wonder in the natural world. Through Science, and rooted in our Christian vision and Halam 'APPLE' values, children grow spiritually, morally, socially, and culturally as they explore, question, and seek meaning in God's creation.

Spiritual Development

Our Science curriculum supports spiritual development by inspiring awe and wonder at the complexity and beauty of the world around us. Children explore the richness of God's creation, developing both an emotional and intellectual desire to understand it more deeply. They are encouraged to reflect on the interdependence of all living things—from observing the smallest microorganisms to considering the vastness of the Solar System. This sense of wonder is paired with foundational knowledge and skills that allow them to ask meaningful questions and seek answers, nurturing a deep respect for life and our shared environment.

Moral Development

Science contributes to moral development by encouraging pupils to make considered judgments based on evidence and ethical reflection. Children learn that theories must be supported with reliable data, and they explore how scientific knowledge can be used for good or ill. Respecting different opinions, evaluating sources of information, and recognising the consequences of human actions are all key themes. Topics such as climate change, the use of natural resources, and advances in medicine raise important moral and ethical questions, connecting science to the wider curriculum in subjects like PSHE, geography, and computing. These opportunities help children develop a thoughtful, compassionate approach to the world around them.

Social Development

Through Science, children explore how collaboration and teamwork contribute to scientific discovery. They work together to conduct investigations, share data, and problem-solve, learning to value one another's ideas and contributions. This practical, group-based learning mirrors the wider scientific community, where shared efforts lead to life-changing breakthroughs. Children come to understand that science is not only about knowledge but also about cooperation, responsibility, and a shared desire to improve lives. They see how scientific collaboration can drive societal change and make a positive difference.



Cultural Development

Science supports cultural development by introducing children to significant contributions made by scientists of many backgrounds, cultures, and faiths. It demonstrates how scientific thought has evolved across time and place, influencing—and being influenced by—religious and cultural beliefs. Children learn how discoveries in areas such as space and evolution have challenged and shaped worldviews. They also explore how science brings people together across differences, promoting unity and shared understanding through its emphasis on curiosity, evidence, and truth.