



SMSC in Science

Spiritual	Science is using evidence to make sense of the world. It has the ability to make us feel both enormously insignificant (compared to the scale of the visible universe) and enormously significant (we are genetically unique). It helps us understand our relationship with the world around us (how the physical world behaves, the interdependence of all living things). Making new discoveries increases our sense of awe and wonder at the complexities and elegance of the natural world.
Moral	Whether it's the ethics behind certain medical treatments, the environmental impact of industry, or how government funding is allocated to scientific projects; moral decisions are an important aspect of Science. Scientific discoveries and inventions need to be used responsibly, and decisions made based on evidence. As teachers, we encourage pupils to be both open minded and critical and to use their understanding of the world around them in a positive manner.
Social	Scientists are collaborators. Sharing ideas, data, and results (for further testing and development by others) is a key principle of the scientific method. We encourage pupils to work together on scientific investigations and to share results (to improve reliability). Science has a major impact on the quality of our lives. In Science lessons, pupils consider the social impact (both positive and negative) of science and technology.
Cultural	Science fills modern culture, and has played a key part in developing it. It is (both currently and historically) an international activity. In Science lessons, we explore and celebrate research and developments that take place in many different cultures, both past and present. We explore how scientific discoveries have shaped the, beliefs, cultures and politics of the modern world

British Values in Science

Democracy	<ul style="list-style-type: none">● Take the views and opinions of others into account● Take turns and instructions from others
Rule of Law	<ul style="list-style-type: none">● Understand the importance of safety rules when working scientifically● Know that there are consequences if rules are not followed
Individual Liberty	<ul style="list-style-type: none">● Make choices when planning an investigation● Others may have different points of view as to where to start
Tolerance of those with different Faiths and Beliefs	<ul style="list-style-type: none">● Scientific discoveries have come from other cultures● Religious beliefs often compete with scientific understanding
Mutual Respect	<ul style="list-style-type: none">● Work as a team● Discuss findings● Offer support and advice to others