

Promoting SMSC and FBV through Science

Area	Opportunities
<p><u>Spirituality</u> Explore beliefs, experience and faiths, feelings and values; enjoy learning about oneself, others and the surrounding world; use imagination and creativity and reflect on experiences</p>	<ul style="list-style-type: none"> • Explore aspects of nature including seasons and other natural phenomenon • Find out about Earth, space and the universe and their place in it • Question and explore why things happen and how things work • Debate and question 'big' ideas such as evolution • Develop a sense of 'awe' and 'wonder' about the world around them
<p><u>Moral</u> Recognise right and wrong and respect the law; understand consequences; investigate moral and ethical issues and offer reasoned views</p>	<ul style="list-style-type: none"> • Explore sensitive issues such as genetic modification, selective breeding, sex and relationships or animal testing
<p><u>Social</u> Use a range of social skills to participate in the local community and beyond; appreciate diverse viewpoints; participate, volunteer and cooperate; resolve conflict</p>	<ul style="list-style-type: none"> • Find out how medical research has changed and saved lives, for example, heart transplants • Find out how science-based charities promote and support health and well-being, for example, the British Heart Foundation or Cancer Research UK • Explore inventions that have changed lives, such as flight, electricity and steam power
<p><u>Cultural</u> Appreciate cultural influences; appreciate the role of Britain's parliamentary system; participate in culture opportunities; understand, accept, respect and celebrate diversity</p>	<ul style="list-style-type: none"> • Find out about different scientists from around the world • Explore differing beliefs about aspects of science, especially evolution and life and death • Investigate variation between all living things
<p><u>Democracy</u> A system where everyone plays a part</p>	<ul style="list-style-type: none"> • Work collaboratively • Listen to other's opinions and ideas about scientific stories, theories or hypotheses
<p><u>Rule of Law</u> The principle that all people and institutions are subject to and accountable for their actions and behaviour</p>	<ul style="list-style-type: none"> • Follow safety rules in Science • Consider the ethics and legality of certain scientific approaches, for example, dissection • Explore changes in the law that benefit society, eg organ donation
<p><u>Individual liberty</u> Being free to express views or ideas</p>	<ul style="list-style-type: none"> • Express hypotheses and ideas • Make predictions • Express a view on a sensitive or controversial issue • Try out an idea or approach including investigating areas of personal interest
<p><u>Tolerance and respect</u> The ability or willingness to respect and tolerate the opinions or behaviour of others</p>	<ul style="list-style-type: none"> • Work together to plan shared enquiries • Listen to feedback and share conclusions • Decide on roles during shared investigations • Learn from others, including experts • Listen to and evaluate the ideas of others