

# SMSC Opportunities in Science



**Great Moor Junior School**

*"Learning Together"*

Respect, Kindness, Tolerance, Responsibility, Co-operation

Spiritual	Moral	Social	Cultural	British Values
<p>Demonstrating openness to the fact that some answers cannot be provided by science.</p> <p>Opportunities for pupils to ask questions about how living things rely on and contribute to their environment.</p> <p>Looking for meaning and purpose in natural and physical phenomena.</p> <p>Gaining an awareness of the scale of living things from the small microorganism to the largest plant or animal.</p> <p>Learning about the interdependence of all living things and materials of the Earth.</p> <p>Wondering at the vastness of space and the beauty of natural objects.</p>	<p>Offering pupils the chance to consider the wonder of the natural world</p> <p>Offering pupils the chance to learn about inventions which have made the world a better place.</p> <p>Considering that not all developments have been good because they have caused harm to the environment and to people.</p> <p>Considering different perspectives and viewpoints.</p> <p>Considering the impact of humans on the environment</p> <p>Developing an open mind to suggestions of others.</p>	<p>Exploring the social dimension of scientific advances e.g., environmental concerns, medical advances, energy processes</p> <p>Finding out about the work of different female scientists.</p> <p>Carrying out group investigations and practical work.</p> <p>Working as part of a team and taking on responsibilities.</p> <p>Taking responsibility for own and others safety.</p> <p>Having an understanding that science has a major effect on the quality of our lives.</p>	<p>Asking questions about the ways in which scientific discoveries from around the world have affected our lives.</p> <p>Finding out about the significant work of scientists and their discoveries.</p> <p>Taking children to visit different habitats and areas within the local environment as well places that are further afield.</p> <p>Learning to appreciate scientific discoveries as part of our and other cultures.</p> <p>Understanding that scientific discoveries have been made by a range of men and women throughout history and across cultures.</p> <p>Knowing that environmental issues across the world are part of science teaching.</p>	<p>Showing respect for and tolerance of other cultures and their values.</p> <p>Showing respect for each other by listening to others' presentations and points of view.</p> <p>Planning and working collaboratively on group projects.</p> <p>Understanding the importance of democracy when holding debates about relevant scientific topics.</p> <p>Tolerance of different cultures - Inheritance and evolution looking at the changes between people and DNA making everyone unique</p> <p>Healthy diet for a healthy body and keeping our teeth healthy. Personal respect</p>