

Spiritual Moral Social and Cultural Development through Science

<p>Spiritual development is promoted by supporting pupils to:</p> <ul style="list-style-type: none"> • look for meaning and purpose in natural and physical phenomena. • demonstrate openness to the fact that some answers cannot be provided by science. • wonder about what is special about life and the beauty of natural objects • gain an awareness of the scale of living things from the small micro-organism to the largest plant or animal. • learn about the interdependence of all living things and materials of the earth. • have an emotional drive to know more and to wonder about the world. • wonder at the vastness of the universe and its formation 	<p>Moral development is promoted by supporting pupils to:</p> <ul style="list-style-type: none"> • become increasingly more curious. • develop an open mind to suggestions of others. • consider the impact of humans on the environment. • consider the wonder of the natural world and the inventions which have made the world a better place. • speculate about how science can be used both for good and ill. • discuss and debate moral dilemmas that arise from scientific developments.
<p>Social development is promoted by supporting pupils to:</p> <ul style="list-style-type: none"> • carry out group investigations and practical work. • work as part of a team and taking on responsibilities. • take responsibility for their own and other people's safety. • understand that science has a major effect on the quality of our lives. • consider the benefits of scientific developments and the social responsibility involved in this. 	<p>Cultural development is promoted by supporting pupils to:</p> <ul style="list-style-type: none"> • appreciate scientific discoveries as part of our culture. • appreciate the scientific discoveries from other cultures. • explore and celebrate the work of historical and contemporary designers from a range of genders, backgrounds and cultures. • Ask questions about the ways in which scientific discoveries from around the world have affected our lives. • know that environmental issues across the world a central to science.