

Integrating SMSC in the Science Curriculum

Science provides many opportunities to embed SMSC across the curriculum and here at Childwall we make a conscious effort to ensure that our children benefit from this whenever and wherever possible.

Spiritual Education in Science involves the search for meaning and purpose in natural and physical phenomena. It is the wonder about what is special about life, an awe at the scale of living things from the smallest microorganism to the largest tree and the interdependence of all living things and materials of the Earth. It concerns the emotional drive to know more and to wonder about the world and aesthetically appreciate its wonders including for example the enormity of space and the beauty of natural objects or phenomenon, plants, animals etc.

Moral Education in Science encourages the children to become increasingly curious, to develop open mindedness to the suggestions of others and to make judgements on evidence not prejudice. Our children realise that moral dilemmas are often involved in scientific developments. When considering the environment, the use of further natural resources and its effect on future generations is an important moral consideration.

Social Education involves group practical work which provides opportunities for children to develop team working skills and to take responsibility. Our children must take responsibility for their own and other people's safety when undertaking practical work. Science has a major effect on the quality of our lives. The children are encouraged to consider the benefits and drawbacks of scientific and technological developments and the social responsibility involved.

Cultural Education in Science involves thinking of scientific discoveries as much as a part of our culture as great music and films. Credit is given to scientific discoveries of other cultures. Science is also seen as a contemporary activity and developments are made all over the modern world. It is therefore an activity undertaken by a wide range of men and women in many different cultures both now and in the past. The interdependence of the world in environmental issues is central to Science.