Promoting SMSC and British Values through Science at Horwich Parish CE Primary School



SMSC Spiritual Education

* Looking for meaning and purpose in natural and physical phenomena
* Wonder about what is special about life
* An awareness of the scale of living things from the small micro-organism to the largest
* The interdependence of all living things and materials of the Earth.
* Emotional drive to know more and to wonder about the world
* Wonder at the vastness of space and the beauty of natural objects

Moral Education

* Pupils to become increasingly curious
* Development of open mindedness to the suggestions of others
* Scientific developments may give rise to moral dilemmas
* Considering the environment

Social Education

* Group practical work
* Team working skills and to taking responsibility
* Taking responsibility for their own and other people’s safety
* Understanding that science has a major effect on the quality of our lives
* Consider the benefits of scientific developments and the social responsibility involved

Cultural Education

* Scientific discoveries as a part of our culture
Scientific discoveries of other cultures
* Scientific discoveries by a wide range of men and women in many different cultures
* Environmental issues are central to science

British Values

Democracy

* Take the views and opinions of others into account
* Take turns and instructions from others

The rule of law

* Understand the importance of safety rules when working scientifically
* Know that there are consequences in rules are not followed

Individual liberty

* Make choices when planning an investigation
* Others may have different points of view as to where to start

Tolerance

* Scientific discoveries have come from other cultures
* Religious beliefs often compete with scientific understanding

Mutual respect

* Work as a team
* Discuss findings
* Offer support and advice to others