



The Federation of St Mary's Catholic Schools

"I can do all things through Christ who strengthens me" Philippians 4:13



SMSC and British Values through Science

At St Mary's, we aim to develop SMSC through Science by:

Spiritual	Children are looking for meaning and purpose in natural and physical phenomena. Wonder about what is special about life. They have 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	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	They develop social teachings through 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	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.

At St Mary's, we aim to develop British Values through Science by:

Democracy	Children take the views and opinions of others into account. Take turns and instructions from others
Rule of Law	They understand the importance of safety rules when working scientifically. Know that there are consequences in rules are not followed
Individual Liberty	They make choices when planning an investigation. Others may have different points of view as to where to start
Tolerance of those with different Faiths and Beliefs	They recognise that scientific discoveries have come from other cultures. Religious beliefs often compete with scientific understanding
Mutual Respect	They work as a team to discuss findings. Offer support and advice to others