



Science Curriculum Links – British Values, Christian Values and SMSC:

Parish Church of England Primary School

“Learning and Growing Together in Faith, Hope and Love.”

At Parish, one of our seven intrinsic Rainbow Promises is to instil ‘British and Christian Values’ in all members of our school community, alongside actively promoting ‘Spiritual, Moral, Social and Cultural [SMSC] development. As a Church of England School, our vision (“Learning and Growing Together in Faith, Hope and Love.” which reflects the vision for Education of the Church of England) is at the heart of all we do. By embedding both British and Christian values throughout all subject areas within our Rainbow Curriculum, we ensure that we educate for community and living well together and for dignity and respect.

At Parish, we instil British Values in the subject of Science by:

Individual Liberty:

We make choices when researching or planning projects, understanding that others may have different viewpoints as to where to start. This is accepted, tolerated and celebrated.

Rule of Law:

We understand the importance of safety rules when working with Scientific equipment and ICT and know that there are consequences if rules are not followed (with a focus on safety).

Democracy:

We take the views and opinions of others into account and take turns and instructions from others. We know that

Mutual Respect and Tolerance of those with Different Faiths and Beliefs:

We know that discoveries, research and developments have come from other cultures. We understand that religious beliefs may compete with global Scientific issues around the world. We work as a team; discuss ideas and findings and offer support and advice others.

At Parish, we develop SMSC in the subject of Science by:

Spiritual

Studying science is a way of promoting a sense of awe, wonder and fascination with the world around them through the disciplines of Chemistry, Physics and Biology. We need to understand that all life is linked together and create the processes that make Earth the only known inhabited planet. Pupils reflect on the long and short-term impacts noting the rights and wrongs linking into the value of justice.

Moral

Moral issues are a vital part of many of the topics covered in our science curriculum, particularly when debating about the environment and wider ethical issues.

Social

During our science sessions, we develop social skills through group and practical work. Working together, we considering the safety of others during practical work and the effects of science on their lives. Through our Biology units, we also consider societal health issues linked to smoking, poor diet and exercise.

Cultural

We aim to understand different cultures and recognise this is an important part of science. This draws attention to how cultural differences can influence the extent to which scientific ideas are accepted, used and valued.

We consider the historical context that influenced the way new theories are considered.