



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 Design and Technology

At St Mary's, we aim to develop SMSC through Design and Technology by:

Spiritual	Spiritual development is very important in DT as the process of creative thinking and problem solving lies at the centre of the subject. A learner's ability to think creatively and show innovation can be inspirational to others but also increase their own self confidence and belief in their own abilities. DT gives learners abundant opportunities to be creative, but it also can build resilience and persistence, encourage learner to compromise and to relish new challenges.
Moral	During the planning and making process we encourage our learners to consider the moral and ethical dilemmas raised. For example, the impact on the environment through the choices of materials are made or the opportunity to consider sustainable or environmentally acceptable materials.
Social	During DT, there are many opportunities to promote social responsibilities. The learner has the opportunity to: collaborate and to contribute to a safe working environment where the use of tools and equipment are involved, to design and create imaginative projects. Social interactions and compromise are essential to this process. Learners will be taught to and will be expected to critique their own work and that of others in a challenging but respectful manner.
Cultural	Children learn about key designers and crafts people who have had an impact on shaping British and global culture. DT exposes learners to a rich variety of practices and experiences, such as food and nutrition learning, which offer learner the opportunity to learn about, appreciate and respect the influence of other cultures on the past and present development of their own communities.

At St Mary's, we aim to develop British Values through Design and Technology by:

Democracy	The learner must take others' views and opinions into account but still have the right to make their own choices. They will have the opportunity to take turns both in speech and practically with others. They should understand that it is not always possible or right to always make unilateral decisions and they must understand the value of compromise.
Rule of Law	Learners must understand the importance of safety rules and practices when using tools. They should understand and accept that if these rules are not followed there will be consequences.
Individual Liberty	Learners will be encouraged to voice their ideas and opinions and understand that these will be valued. They can use their own ideas and design choices when making an artefact. They must understand the value of listening to others and accepting that others have ideas and opinions that are equally valid to their own.
Tolerance of those with different Faiths and Beliefs	We will encourage learners to respect and appreciate those ideas from others that are different to their own are valid and pertinent. They should know that many great designs, both contemporary and historical, originated from other cultures and they should appreciate the impact that these have had on our lives.
Mutual Respect	We will teach learners to listen to and consider the ideas and opinions of others even if they differ from their own. They will be able to take turns during discussions to resolve difficulties, or make decisions. They should offer supportive comments in evaluations that will improve learning outcomes, in a way that is objective but sensitive to the listener.