

SMSC and British Values – Design Technology

SMSC	
Spiritual	Spiritual development is of a very high importance in design & technology. The process of creative thinking and innovation inspires students to bring out undiscovered talents, which in turn breeds a self-confidence and belief in their abilities. D.T supports spiritual development by allowing pupils the opportunity to exercise imagination, inspiration, intuition and insight through creativity and risk taking in analysing, designing and manufacturing a range of products. It instils a sense of awe, wonder and mystery when studying the natural world or human achievement. Encouraging creativity allows pupils to express innermost thoughts and feelings and to reflect and learn from reflection, for example, asking 'why?', 'how?' and 'where?'
Moral	D.T supports moral development by raising awareness of the moral dilemmas by encouraging pupils to value the environment and its natural resources and to consider the environmental impact of everyday products. It educates pupils to become responsible consumers. DT lessons develop a moral responsibility for actions, this is evidenced in their approach to peer evaluation of DT work in school.
Social	Social development is a key feature of all design & technology lessons. We teach the concept of self-regulation to ensure that students accept responsibility for their behaviour and the safety of others. This establishes and maintains a safe, secure, learning environment. We place an emphasis on developing the ability to work with others and to accept each other's unique personality. We encourage effective conversations about the work we do through self & peer evaluation, and to give and accept constructive criticism as a vehicle to improve students learning outcomes. D.T Supports social development by providing opportunities to work as a team, recognising others' strengths and sharing equipment. Design Technology promotes equality of opportunity and provides an awareness of areas that have gender issues e.g. encouraging girls to use equipment that has been traditionally male dominated.
Cultural	D.T supports cultural development by encouraging children to reflect on ingenious products and inventions, the diversity of materials and ways in which design technology can improve the quality of life. It investigates how different cultures have contributed to technology, leading to a greater understanding of different ways of life and a respect for those cultures which may be very different from their own.



SMSC and British Values – Design Technology

British Values- Design Technology

Children learn the importance of following Health and Safety Rules; learning that great ideas can come from other cultures; that everyone has a right to share their ideas and has a right to choose choices that are right for them. We aim to equip all of our children with essential skills in all of the areas of DT that will enable them a wider variety of choices when choosing future prospects.

Democracy	During Design Technology children are encouraged to take the views and opinions of others into account but still have the right to make their own choices. Lessons also encourage children to take turns when speaking and when working practically with others. Opportunities are presented for pupils to understand that it is not always possible or right to have their own way and understand the value of compromise. Children's opinions are valued at St Patrick's and they are encouraged to give views about DT lessons through the medium of pupil voice questionnaires.
Rules and Law	In Design Technology children develop an understanding of the importance of safety rules when using tools and accept that if these rules are not followed that there are consequences to this. These take the form of the general classroom and the whole school rules, and the rules specific to DT to develop their skills.
Individual Liberty	Children are given the freedom to express themselves through design and the creation of a wide variety of products in Design Technology. They make decisions about their own design choices, style and sometimes media. They are also encouraged to evaluate both products from a range of times and culture, and their own and each other's. Children also learn to accept that the ideas of others may not be the same as their own but are equally valid. At St Patrick's, we allow the children to develop their own self-knowledge through our creative subjects such as DT. Children are expected to take responsibility of all equipment used when working in DT.
Mutual respect and tolerance of those with different faiths and beliefs.	<p>During DT lessons pupils are expected to listen to and consider the ideas and opinions of others even if they differ from their own. They are also expected to be able to take turns during discussions, resolve difficulties or make decisions, for example, when choosing materials for making a product. The children are given many opportunities to critique each other's work in a positive and constructive manner whilst showing respect for the opinions and beliefs of their peers which may differ from their own.</p> <p>Through Design Technology the children learn to appreciate the ideas of others that are different to their own and that many great design ideas originate from other cultures.</p>

SMSC and British Values – Design Technology

