



## St Dennis Primary Academy – Design and Technology



*"Design is not just what it looks like and feels like. Design is how it works."* – Steve Jobs

At St Dennis Primary Academy, children's spiritual development is of high importance in design and technology. The process of creative thinking and innovation inspires them to bring out undiscovered talents, which in turn breeds self confidence and belief in their abilities. Within our scheme of work, we seek to develop a sense of fascination as children explore products to understand how they are designed, construction and how they function. Children use this knowledge, combined with their own imagination and creativity, to develop and create their own designs. From this, children reflect on their own work by critically evaluating the quality of their design and whether it is fit for purpose.

We acknowledge that social development is a key feature of all design and technology lessons. The concept of self-regulation is taught to ensure that students accept responsibility for their behaviour and the safety of others. We place emphasis on developing the ability to work with others to accept the unique personalities and ideas of others. We encourage effective conversations about the learning we complete through self and peer evaluation. Children also learn to give and accept constructive feedback as a vehicle to improving learning outcomes.



In DT, moral development is shown in children's ability to recognise the difference between right and wrong and apply this understanding in their own lives. We seek to develop a sense of 'moral conscience' through focussing upon the moral dilemmas raised in designing and making new products to ensure they understand the wider impacts on the environment. In all year groups, children are encouraged to use recycled materials. Children are made aware of issues relating to health and safety and the consequences of their actions and behaviour, whether this be the tools they use, the safety of the products or food hygiene, or teachers sharing elements of risk assessments.

We develop cultural awareness through projects that have a connection with our past heritage globally and locally, such as fishing and how our industrial routes have shaped our nation, We also seek to expand children's knowledge of other cultures and link products we explore to cultures we are learning about, This helps us to learn about different faiths, cultures and food which develops children's understanding, acceptance and respect of diversity.