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**SMSC within Design and Technology**

**Spiritual development in Design and Technology**
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. Encouraging creativity also allows pupils to express innermost thoughts and feelings and to reflect and learn from reflection, for example, asking ‘why?’, ‘how?’ and ‘where?’ It challenges and appeals to the creative instincts that have driven humanity to discover, adapt and overcome.

**Moral development in Design and Technology**
In design & technology we seek to develop a sense of ‘moral conscience’ in our children, through focusing upon the moral dilemmas raised in designing and making new products. We teach children to understand the wider impacts on the environment when designing and making new products and expect them to consider carefully the materials & components they will use when designing and making. We are beginning to encourage sustainable and educate pupils to become responsible consumers - thinking through the active application of the ‘6 R’s’ and to highlight the impact on environmentally sensitive areas of the world. The 6 Rs include: reinvent/rethink, refuse, reduce, reuse/repair, recycle, replace/rebuy.

**Social development in Design and Technology**
Social development is a key feature of all design & technology lessons by providing opportunities to work as a team. We place an emphasis on developing the ability to work with others and to accept each other’s unique personality and to recognise others’ strengths. 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. We teach the concept of self-regulation to ensure that children accept responsibility for their behaviour and the safety of others. This establishes and maintains a safe, secure, learning environment.

**Cultural development in Design and Technology**
We develop wider cultural awareness in design technology through projects that have a connection with our past heritage and how our industrial routes have shaped our nation. We seek to expand children’s knowledge of other cultures, reflecting on ingenious products and inventions, the diversity of materials and ways in which design technology can improve the quality of life.