

The Design Technology curriculum

Design Technology curriculum vision

In Design Technology, students will have the opportunity to work with a range of woods, plastics and metals to produce an outcome showcasing their creativity. In today's world, technology plays a huge factor in the design of most if not all products, we believe that in teaching students about simple and complex electronic systems, they are able to implement a working electronic system within their own product. By the end of their 7 year journey with us, students are aspirational and are ready to continue with their studies in further education or complete apprenticeships within the Design industry. Sustainability within Design is a current issue in terms of climate change and global warming, we believe teaching students about sustainable materials and designing to be sustainable in hopes they can tackle a huge issue in today's world.

Key stage 3

| Term | <i>Year 7 - Textiles</i> | <i>Year 8 – Resistant Materials</i> | <i>Year 9 – Upcycle Project</i> |
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| <i>Rotation 1</i> | <ul style="list-style-type: none"> • <i>Learning about a range of Textile materials and their uses.</i> • <i>Learning about sustainability and ethical issues within the Textile Industry.</i> • <i>Learning and using a range of techniques used within the Textile Industry including Tie Dye, Batik and Embroidery.</i> | <ul style="list-style-type: none"> • <i>Learning about different materials including wood, plastic and metal.</i> • <i>Learning and using a range of simple and complex hand tools and machinery to produce an outcome.</i> • <i>Learning about electronic systems and being able to implement a simple electronic system within a product.</i> | <ul style="list-style-type: none"> • <i>Learning about a range of materials used within the Design industry.</i> • <i>Learning about Sustainability within the Design Industry.</i> • <i>Producing an outcome using recycled materials, a range of simple and complex techniques, showcasing their creativity.</i> |