

**St Michael's CE Primary School**  
**Our Curriculum Drivers: Design and Technology**

<b>Curiosity</b>	<b>Determination &amp; Resilience</b>	<b>Responsibility</b>
<p>Design and Technology at St Michael's encourages children to be inquisitive, imaginative, and innovative. Pupils are inspired to explore how things work, investigate materials and mechanisms, and discover creative solutions to real-world problems. We nurture a sense of excitement in designing, making, and evaluating, helping children to develop a lifelong interest in how design shapes our world.</p> <p><i>"Fostering the joy of anticipation, investigation and discovery."</i></p>	<p>Design and Technology challenges children to think critically, test ideas, and refine their work through trial and error. We support pupils in developing resilience when facing design challenges and determination when solving problems or improving prototypes. Through hands-on learning, children build confidence, creativity, and pride in their achievements.</p> <p><i>"We want children to develop and hold attitudes and abilities including self-awareness, resilience, assertiveness, creativity, pride, problem solving and self-advocacy skills."</i></p>	<p>Our Design and Technology curriculum helps children understand the importance of responsible design. Pupils learn to make thoughtful choices about materials, sustainability, and user needs. They take ownership of their projects, understanding how their decisions affect others and the environment. We encourage children to be ethical designers who consider impact, safety, and purpose in everything they create.</p> <p><i>"Responsibility involves making decisions, being trusted, and learning to take credit for one's actions – whether good or bad."</i></p>