



St Martin's School

Headteacher: Mrs K. Bartlett

Chair of Governors: Mrs L Chorley

DT Intent Statement

Our vision at St Martin's is for children to feel happy and safe, and become lifelong learners, who know they can make God's world a better place.

At St Martin's, within design technology we aim to develop children's knowledge and understanding of skills which they can then apply across a range of mediums including textiles, cooking, mechanics and electronics. We aim for them to become skilled at evaluating their own work and the work of others identifying the purpose and using existing products to inform their own designs. They will be able to communicate their ideas clearly and through annotation, sketches, speech and diagrams. We hope for children to deepen their understanding of the making process as they progress through the school. From Year R to Year 6 they will use a broadening range of tools, materials and components, selecting equipment which is appropriate for the task. We aim for them to be reflective as they evaluate their own work, identifying the success and what can be improved whilst considering the opinions and ideas of others. In addition to this we will ensure that all children are aware of the hygiene and safety factors which occur in design technology.

At St Martin's, we aim to link design technology to our school values:

Respect – we aim to teach children to respect the ideas and opinions of others as we critique our products and the work of other. Additionally we encourage respect for our bodies through learning about the importance of a healthy diet.

Friendship – we aim to teach children to work with their peers to develop their understanding of a product, we encourage them to share their ideas and to value each other's support and acknowledge the helpful critique of their products.

Courage – the teaching and learning of design technology presents many opportunities for developing courage especially through perceived failure; sometimes the products we design end up not fit for purpose or even if they are, they can always be made better. Through constant encouraging critique the children become more courageous. In addition we aim to teach children to show courage when learning and practising new skills especially when they face new tools or equipment.

Creativity – we aim to teach children to think creatively when design and making their products. They will show creativity through their resourcefulness as they think imaginatively about how to tackle practical problems as they arise.