



Otterbourne Church of England Primary School

Subject: Design and Technology

Statement of Intention, Implementation and Impact

INTENTION:

At Otterbourne Church of England Primary School, the intention of our Design and Technology curriculum is to provide wide, varied and progressive opportunities for the children to learn, apply and develop skills which are essential in the designing, making and evaluating of an effective product for a given purpose.

We want to inspire creativity and ensure that the children are well-equipped with useful technical knowledge to support them in the design, making and evaluating (DME) process, and we want children to consider how to make effective use of sustainable resources or consider solutions to the issues we face individually, and as a local and global community.

Our Pillars of the Curriculum, particularly Sustainability and Change alongside Aspiration and Wellbeing, are embedded in our long term DT plans. Children are encouraged to consider how they can use resources in a sustainable way and how the DME process can benefit themselves and others.

IMPLEMENTATION:

Our Design and Technology curriculum is designed around the identification of key skills, knowledge and understanding as required by the National Curriculum, or in response to events of the day. Each topic or project is relevant, purposeful and motivating for the children, and the curriculum design ensures inclusivity of all groups and individuals across the school. In each phase, children will experience projects in textiles, food, mechanisms and structures.

The delivery of lessons is planned to ensure that the golden threads of 'design', 'make' and 'evaluate' are taught across the key stages and that these build progressively; developing on the processes taught in previous year groups. Children are provided with opportunities to be creative and use their imagination through open-ended tasks or are given a scenario for which a specific solution might be required.

Throughout their time with us, children are given varied opportunities to develop new skills (and embed existing ones), and our curriculum asks the children to reflect on their exploration of products and designs, and in Key Stage 2, there is a greater focus on the designers.

IMPACT:

Our Design and Technology curriculum inspires the children at Otterbourne to recognise themselves as the skilled designers and makers of the future. Practical outcomes will demonstrate that pride, creativity, purpose and sustainability are at the heart of what we do and children will reflect on their own successes, or recognise where there is opportunity for improvement.

As children move through the school and onto the next phase in learning, they will be equipped with key life skills in the areas of food preparation, hygiene and nutrition so that they can make positive life choices, and our children will have developed resilience, determination and appreciation of the design, make and evaluate process.