

# Design Technology

## Statement of Intent, Implementation and Impact

**Curriculum Intent for D&T:** What we are trying to achieve with our D&T Curriculum

The National Curriculum for Design and Technology ensures that by using creativity and imagination, pupils design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. Through a progressive curriculum, the children learn a variety of different skills and this enables a practical and critical understanding of their own and others' work that gives a broader understanding of the world linking creativity and practical skills at its best.

At Water Street Primary School, we have designed our Design and Technology curriculum with the intent that children design purposeful, functional and appealing products for themselves and other users based on design criteria and using their learned skills: generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and computing.

**Implementation:** How do we deliver the D&T curriculum

To ensure high standards of teaching and learning in art and design, we use the D&T Association's 'Projects on a Page' Scheme which allows clear progression through the school. D&T is taught through a cross-curricular approach linking topic work and themes in each Year group as much as possible.

Where possible the children explore different techniques and methods, try them out and then have the opportunity to explore adjustments or say how they would improve their designs.

In D&T children will be asked to solve problems. This allows the children to have ownership over their curriculum and ultimately lead their own learning. At times they may be asked to take part in collaborative learning where children may be asked to work as part of a team to work on a product. The children learn to support and help one another towards a challenging, yet rewarding goal.

As the children progress up the school they will have an increasing awareness of the health and safety aspects of D&T and be able to apply these within school and their own lives.

**Impact:** What difference is the curriculum making to our pupils?

The children will have clear enjoyment and confidence in design and technology that they will then apply to other areas of the curriculum. Whole school events like 'Summer Homework' often encompass D&T and the children enjoy sharing their efforts together and learning from each other.

D&T encompasses many cross-curricular links and children are able to apply what they learn in other areas of the curriculum and in opportunities out of school and within their lives.

We measure the impact of our curriculum through reflecting on standards achieved against the planned outcomes, pupil discussions about their learning and through collaboration of teachers and the subject leader through monitoring, pupil voice and lesson observations.