



Design and Technology at Buttsbury Infant School

At Buttsbury Infant School the **intent** of our Design and Technology curriculum is to enable children to design, make and evaluate their own products. Children will conduct research prior to designing their products, to inspire their design choices. We provide a well-rounded Design and Technology curriculum where children are able to make a range of products within the Food, Mechanisms and Textiles strands. As the children progress through the school, we want our learners to become increasingly more confident in using a range of tools to make their products.

How is Design and Technology **implemented** at Buttsbury Infant School?

We have a broad and balanced Design and Technology curriculum at Buttsbury Infant School where children are given rich, vibrant and meaningful opportunities within a curriculum that is ambitious for all learners.

Units of learning are blocked, well sequenced and build on previous learning. Lessons ensure that progress is achieved through small steps, allowing children to develop their subject knowledge, consolidate skills and apply their learning.

Topics in Design and Technology are split into the following strands: Food; Mechanisms; and Textiles.

In EYFS, children begin to develop their Design and Technology skills through the implementation of 'creation stations' in their classrooms and outdoor area.

In Key Stage 1, all Design and Technology topics follow the same learning process: Research → Design → Make → Evaluate.

1. **Research** - Children begin each topic with engaging research-based lessons and are also given opportunities to conduct research outside of school.
2. **Design** - Once the children have carried out their research, they can design their product.
3. **Make** - Then, the children are given the opportunity to make their product following their design.
4. **Evaluate** - Then to conclude the topic, the children evaluate their final product.

What is the **impact** of the Design and Technology curriculum on our children?

Our curriculum engages all children and promotes a love of learning. Children enjoy being practical in Design and Technology lessons and are always proud of their final product.

As the children progress through Buttsbury Infant School, they develop an understanding of the design process and what it means to design, make and evaluate. The children also grow in confidence and independence when completing their designs and evaluations.

As a result of our Design and Technology curriculum, children are equipped with the necessary knowledge and skills for the next stage of their education at junior school.

What our children say about Design and Technology...

EYFS: "I like the mud kitchen."

Year 1: "I can't wait to make my biscuits!"

Year 2: "I like Design and Technology because I liked making my healthy wrap."

"This is the best wrap I've ever eaten!"