



Design Technology Subject Statement

*This document supports the school vision
Caring For Others And Courageously Striving For
Excellence*

Intent

At Long Wittenham, we believe that the teaching and learning of Design and Technology is essential to prepare our pupils for the modern world. Children are encouraged to develop a greater understanding and knowledge of design and technology, as well as their safe use of tools and equipment. The Design and Technology curriculum at Long Wittenham enables children to develop their creativity and imagination as pupils design, make and evaluate products in a variety of contexts that complement, where appropriate, our bespoke curriculum. They will also acquire subject knowledge and skills that draw upon other areas of their learning such as mathematics, science, computing and art. Children at Long Wittenham will be encouraged to take risks and become resourceful, innovative, enterprising and capable pupils. Through the teaching of Design and Technology, we will show children the best inventions both past and present, and encourage them to develop a critical understanding of the impact of such inventions.

Implementation

Design and Technology at Long Wittenham is taught throughout the year as part of termly topics through a variety of creative and practical activities. Key skills and knowledge are mapped across each Year Group to ensure appropriate skills progression. Our children are taught to design, make, evaluate and develop their technical knowledge. Cross-curricular outcomes in Design and Technology are specifically planned for and strong links are made with Maths, Science and the Computing curriculum in order to contextualise the learning for children to achieve a deep understanding. Outcomes of pupils' work are evidenced within each child's sketch book. The progress and attainment of all children is updated at the end of each unit of work via a foundation subject assessment tracker.

Impact

At Long Wittenham, our children will:

- Be able to test, critique and evaluate their products and ideas as well as those of others.
- Understand and apply the principles of nutrition and learn how to cook.
- Develop a good knowledge, understanding and appreciation of a range of materials and how they have multi-purpose uses.
- Build and apply a repertoire of knowledge, understanding and skills in order to design and make products for a wide range of users.
- Have a clear enjoyment and confidence in Design and Technology that they will then apply to other areas of the curriculum.