



Welsh House Farm Community School & Resource Base



DESIGN AND TECHNOLOGY

Intent

The Design and Technology curriculum encourages children to develop their design technology skills and knowledge to become innovative and creative problem-solvers. The curriculum enables children to be motivated and engaged by designing and making exciting working products with a clear purpose linked to the needs, wants and values of the user. They design, make and evaluate products that solve real and relevant problems within a variety of contexts, including the local community and businesses. They have opportunities to investigate and evaluate existing products and learn how past and present design and technology impacts upon daily life and the wider world as well as make deep and meaningful connections between science, maths, computing and art. Children also develop communication and team-work skills as well as confidence and independence to allow them to become successful learners and learn how to take risks, becoming resourceful, enterprising and capable citizens now and in the future.

Implementation

Design and Technology is taught in a 'block' unit over the course of a week. There are three 'blocks' during the year. Every class builds on prior learning and the skills taught in other subjects as they complete three design technology projects a year.

At the end of each project there is a design and technology exhibition to allow each class to present their final product to the school. Each class visits the exhibition to enable pupils to investigate and evaluate the products. The exhibition is a celebration of the pupils' work and an opportunity to present information displaying the process they followed to complete their finished product. In the Summer term, the food project is presented at "The Great Welsh House Farm Bake off." All pupils have an opportunity to taste the food and as part of their evaluation, vote for their favourite.

Impact

We strive for all of our children to be successful in design and technology and the impact will be evident through the children. Children will:

- ✓ Bring a wide range of previous skills to the beginning of a new project, demonstrating a clear progression of skills is built on and developed throughout the year groups
- ✓ Have developed a wealth of design technology knowledge and skills
- ✓ Be proud of the high-quality products they have made
- ✓ Use and demonstrate the skills they have learnt and developed in design and technology across other subjects