



Curriculum Statement

Design Technology

Intent

At Bradfield CE Primary, children receive a Design and Technology (DT) curriculum which allows them to exercise their creativity and imagination through designing and making. DT takes the children through a series of skills which they can then apply to their own designing and making of prototypes and final products. At Bradfield CE Primary School, we aim for the children to be confident in their own ideas, skilled in using tools and equipment and resilient in trying, developing, testing and evaluating their plans and products. Furthermore, DT is a crucial aspect of today's increasingly technological world therefore DT at Bradfield CE Primary is taught using relevant and real-life problems from a variety of contexts.

Implementation

The DT skills at Bradfield CE Primary are taught progressively year on year to ensure that all children's understanding is deepened as they journey through the school. The DT overview map takes clear skills from the National Curriculum and draws in knowledge and understanding from other subjects such as Maths, Science, Computing and Art. All teaching of DT, including cooking and nutrition, follows the design, make and evaluate cycle. Each of the stages are rooted in technical knowledge and subject specific vocabulary. The design process stems from real life relevant contexts giving meaning to learning and encouraging curiosity about how things work. While making, children are given a choice of tools and materials to select from in order to meet their design criteria. In the evaluation stage, children compare how well their final product fulfills the design criteria and suggest improvements accordingly.

Impact

Assessment of children's learning in DT is a continuous monitoring of children's understanding, knowledge and skills by the class teacher. This assessment is then used to inform the class teacher of any differentiation, support and challenge needing implementation DT is also monitored by the subject leader throughout the year. This takes the form of the triangulation of book monitoring, outcomes and pupil interviews.