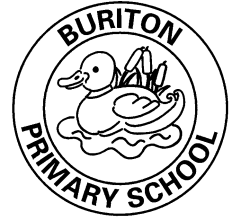




Design and Technology



INTENT

Our high-quality design and technology curriculum is planned as a 7-year journey across Buriton Primary School and, using creativity and imagination, our children design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. They acquire a broad range of subject knowledge and draw on disciplines such as mathematics, science, engineering, computing and art. Our children learn how to be resourceful, innovative, enterprising and capable citizens. Through the evaluation of past and present design and technology, they develop a critical understanding of its impact on daily life and the wider world.

IMPLEMENTATION

The teaching of Design Technology across the school follows the National Curriculum. Children design products with a purpose and an intended user in mind. They are taught key knowledge and skills within a spiralling curriculum which focuses on textiles, mechanisms, structures, electrical systems and food. Food technology is implemented across the school with children developing an understanding of where food comes from, the importance of a varied and healthy diet and how to prepare this. Design and technology is taught as part of an integrated curriculum and care is taken to ensure that, where appropriate, strong cross-curricular links are made.

IMPACT

When children leave Buriton Primary School, their learning in design and technology will have enabled them to become confident at designing, making and evaluating products with a specific purpose and user in mind. They will have good knowledge and skills of working with textiles, mechanisms, structures, electrical systems and food. Children will have a good understanding of how other subjects e.g. science, maths and computing link with design and technology and will be able to apply this knowledge and understanding when designing, making and evaluating products.