



King's Academy College Park

Design and Technology Curriculum Statement

Intent

Design and Technology is an inspiring, rigorous and practical subject. In our schools, all children are given the opportunity to use creativity and imagination, design and make products that solve real and relevant problems, within a variety of contexts, considering their own and other's needs, wants and values. We feel it is essential that children acquire a broad range of subject knowledge and are provided with cross-curricular opportunities. Pupils learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens. Through the evaluation of past and present design and technology, they develop critical understanding of its impact on daily life and the wider world. Through cookery, the children should be taught a crucial life skills that enables them to feed themselves affordably and well, now and in later life.

Implementation

At King's Academy College Park, children are taught the knowledge, understanding and skills needed through a variety of creative and practical activities. These are often linked to the topic areas to provide a relevant context for the children. Wherever possible we make cross curricular links to other subjects such as Maths and Science. When designing children will be taught to design purposeful products for themselves and other users. When making they are given the opportunity to work with a variety of materials including wood, electrics and paper craft, as well as various tools and equipment. Children will be taught to evaluate as they work and make improvements as well as evaluating their final product against the design criteria. We ensure that children in both schools are taught how to cook and apply the principles of nutrition and healthy eating.

Impact

We aim that all children will develop skills through DT that enable them to be resilient, creative, independent and reflective. These skills learnt from DT will be seen in other subjects and out of classroom contexts. We hope that the curriculum will inspire our children to pursue careers in engineering, design and cookery.

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