

Design

I can produce a detailed step by step plan.

I can suggest how my product will appeal to the audience.

I understand how key individuals have helped shape the world of Design Technology.

Make

I can expertly use a range of tools and equipment.

I can make a prototype of my product.

I can make a product finished to a very high standard and say how I have done this.

I can measure accurately to ensure everything is precise.

Key Vocabulary

Structure, mechanism, plan, design, evaluate, textiles, nutrition.

Cams, functional, cogs, gears, pulleys, innovative, aesthetics.

Kneading, peeling, chopping, grating, slicing.

Textiles

To be able to use pattern pieces to create products.

To be able to understand how to leave edging between my stiches and the fabric.

Food and nutrition

To be able to understand that seasons may affect the food that is available.

To be able to understand how food is processed to be eaten.

To be able to confidently use a range of techniques such as; peeling, chopping, slicing, kneading, grating and mixing.

Mechanisms

I can create a product that moves using cogs, cams or pulleys.

To be able to begin to understand how a cam makes movement.

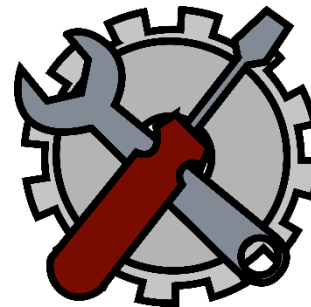
To be able to design and create a model that incorporates a cam movement.

Structures

To be able to build innovative, functional and appealing models.

To be able to use finishing techniques to strengthen the product, and to improve the look

Design Technology in Year 5



Evaluate

I can evaluate the appearance and function of my product against the original design criteria.

I can refine and improve my product.



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