

Make Do and Mend
This project teaches children a range of simple sewing stitches, including ways of recycling and repurposing old clothes and materials.



Significant person:
Vivienne Westwood

Engineer
This project teaches children about remarkable engineers and significant bridges, learning to identify features, such as beams, arches and trusses. They complete a bridge-building engineering challenge to create a bridge prototype.



Significant person:
Isambard Kingdom Brunel



Food for Life
This project teaches children about processed food and healthy food choices. They make bread and pasta sauces and learn about the benefits of whole foods. They plan and make meals as part of a healthy daily menu, and evaluate their completed products.



Significant person:
Hugh Fearnley-Whittingstall



Significant person:
Phidias



Architecture
This project teaches children about how architectural style and technology has developed over time and then use this knowledge to design a building with specific features.



Eat the Seasons
This project teaches children about the meaning and benefits of seasonal eating, including food preparation and cooking techniques.

Significant person:
Nadiya Jamir Hussain



Year 6

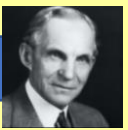
Greenhouse
This project teaches children about the purpose, structure and design features of greenhouses, and compares the work of two significant greenhouse designers. They learn techniques to strengthen structures and use tools safely. They use their learning to design and construct a mini greenhouse.



Significant person:
Sir Joseph Paxton



Significant person:
Henry Ford



Year 5

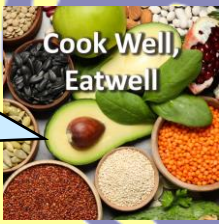
Making It Move
This project teaches children about cam mechanisms. They experiment with different shaped cams before designing, making and evaluating a child's automaton toy.



Significant person:
Al-Jazari



Cook Well, Eatwell
This project teaches children about food groups and the Eatwell guide. They learn about methods of cooking and explore these by cooking potatoes and ratatouille. The children choose and make a taco filling according to specific design criteria.



Significant person:
Clare Smyth



Significant person:
Frederick Percy Dolamore

Beach Hut
This project teaches children about making and strengthening structures, including different ways of joining materials.



Moving Mechanisms
This project teaches children about pneumatic systems. They experiment with pneumatics before designing, making and evaluating a pneumatic machine that performs a useful function.



Year 1/2



Significant person:
Cath Kidston



Cut, Stitch and Join
This project teaches children about fabric home products and the significant British brand Cath Kidston. They learn about sewing patterns and using a running stitch and embellishments before making a sewn bag tag.

Remarkable Recipes
This project teaches children about sources of food and tools used for food preparation. They also discover why some foods are cooked and learn to read a simple recipe. The children choose and make a new school meal that fulfils specific design criteria.

Significant person:
Cristeta Comerford



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