

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.

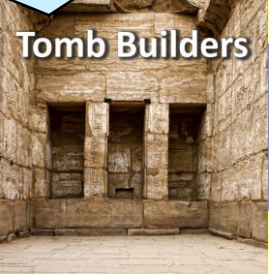


Eat the Seasons
This project teaches children about the meaning and benefits of seasonal eating, including food preparation and cooking techniques.

Significant person:
Nadiya Jamir Hussain



Tomb Builders
This project teaches children about simple machines, including wheels, axles, inclined planes, pulleys and levers, exploring how they helped ancient builders to lift and move heavy loads.



Significant person:
Howard Carter



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Functional and Fancy Fabrics
This project teaches children about home furnishings and the significant designer William Morris. They learn techniques for decorating fabric, including block printing, hemming and embroidery and use them to design and make a fabric sample.

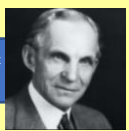


Significant person:
William Morris

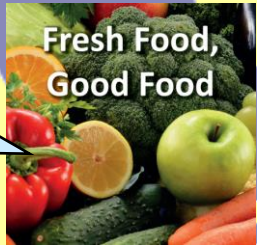


Moving Mechanisms
This project teaches children about pneumatic systems. They experiment with pneumatics before designing, making and evaluating a pneumatic machine that performs a useful function.

Significant person:
Henry Ford



Fresh Food, Good Food
This project teaches children about food decay and preservation. They discover key inventions in food preservation and packaging, then make examples. The children prepare, package and evaluate a healthy snack.



Significant person:
Jamie Oliver

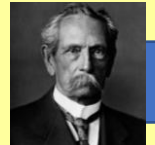
Year 3/4



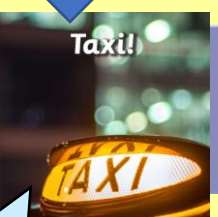
Chop, Slice and Mash
This project teaches children about sources of food and the preparatory skills of peeling, tearing, slicing, chopping, mashing and grating. They use this knowledge and techniques to design and make a supermarket sandwich according to specific design criteria.



Significant person:
Mary Berry



Significant person:
Carl Benz



Taxi
This project teaches children about wheels, axles and chassis and how they work together to make a vehicle move.



Shade and Shelter
This project teaches children about the purpose of shelters and their materials. They name and describe shelters and design and make shelter prototypes. Children then design and build a play den as a group and evaluate their completed product.

Significant people:
William Paterson and Oscar Carl Kerrison.



Year 1/2