

## Design and Technology: Processes – Year 5

### Previous learning in Year 4:

In Year 4, we learnt how to use exploded diagrams to add detail to our designing process. We learnt about different joins such as the mitre join and lap joins to give our products a more appealing finish. Also, we used and built upon our scientific knowledge by adding electrical systems such as light or sound to our products.

### What (Key vocabulary)

market	A place where goods or products are sold
research	To investigate/discover
target audience	Someone who a type of product is aimed at
innovative	To introduce original/creative ideas
inform	To give facts/tell someone information
precise	To be accurate
prototype	A first version of a device or product which further developments are made to it
mechanical systems	A system of moving parts such as wheels, levers, pulleys and cams help a product to have a desired output
diagonal struts	Strengthening method used to improve the strength of a product by adding material to a structure using a diagonal angle
aesthetics	The physical appearance of a product
strengthening	To make or become stronger
stability	The property of a product that when disturbed, has the ability to stand or endure

### Who (Significant people)

Oscar Niemeyer

Helped build UN building in NY and civic buildings in Brasilia