

Design and Technology Key skills

Year 6

Food	Textiles	Construction	Mechanisms	Other
Relevant contexts to areas of study			Solving real life problems	

Design	To research and develop design criteria to inform my design
	To combine elements of design from a range of inspirational designers throughout history, giving reasons for choices
	To investigate and analyse a range of existing products
	To use prototypes, cross-sectional diagrams and computer aided designs to represent designs
	To design with the user in mind, motivated by the service a product will offer
	To understand how key events and individuals in design technology have helped shape the world
	To analyse a range of existing products against my own design criteria
Make	To ensure products have a high quality finish, using art skills where appropriate
	To select from and use a wider range of tools and equipment to perform practical tasks accurately
	To select from and use a wider range of materials and components according to their functional properties
	To select from and use a wider range of materials and components according to their aesthetic qualities
	To apply my understanding of how to strengthen more complex structures
	To understand and use mechanical or electrical systems in my products
Evaluate	To refine my design as work progresses taking into account a range of different factors and evaluating outcomes
Food	To understand the importance of correct storage and handling of ingredients
	To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques
	To understand the nutritional characteristics of the ingredients I am using
	To understand seasonality of ingredients
	To know how a variety of ingredients are grown, reared, caught and processed