

KEY STAGE 2

DESIGN & TECHNOLOGY

SKILLS PROGRESSION

			Design		Make		Explore			Technical Knowledge				Cooking & Nutrition		
Y	Term	Unit	Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.	Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.	Select from and use a wider range of tools and equipment to perform practical tasks (e.g., cutting, shaping, joining and finishing) accurately.	Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.	Investigate and analyse a range of existing products.	Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.	Understand how key events and individuals in design and technology have helped shape the world.	Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.	Understand and use mechanical systems in their products (e.g., gears, pulleys, cams, levers and linkages).	Understand and use electrical systems in their products (e.g., series circuits incorporating switches, bulbs, buzzers and motors).	Apply their understanding of computing to program, monitor and control their products.	Understand and apply the principle of a healthy and varied diet.	Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.	Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.
3	Autumn	Structures – Photograph Frames														
3	Spring	Cooking & Nutrition – Sandwich Snacks							Science /DT Week							
3	Summer	Textiles – Pencil Cases														
4	Autumn	Structures – Making Mini Greenhouses														
4	Spring	Cooking & Nutrition – American Food							Science /DT Week							
4	Summer	Mechanisms & Electrical Structures – Storybooks														
5	Autumn	Cooking & Nutrition – Bread														
5	Spring	Structures – Building Bridges							Science /DT Week							

KEY STAGE 2

DESIGN & TECHNOLOGY

SKILLS PROGRESSION

[illegible]