

Year 4 Design Technology Objectives

	DT Focus	Unit Title	National Curriculum Objectives
Autumn 2	Textiles	Seasonal Stockings	<p>KS2 - 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</p> <p>KS2 - generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</p> <p>KS2 - select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately</p> <p>KS2 - 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</p> <p>KS2 - investigate and analyse a range of existing products</p> <p>KS2 - evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p>
Spring 1	Eletronics	Alarms	<p>KS2 - 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</p> <p>KS2 - generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</p> <p>KS2 - select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately</p> <p>KS2 - investigate and analyse a range of existing products</p> <p>KS2 - evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p> <p>KS2 - understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]</p>
Summer 2	Food and Nutrition	Seasonal Food	<p>KS2 - understand and apply the principles of a healthy and varied diet</p> <p>KS2 - prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques</p> <p>KS2 - understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed</p>