



'Go and do Likewise' Luke 10:25, -37 The Parable of the Good Samaritan
We live with love and compassion, seeking help in times of need

Curriculum Map: Design Technology Year 4

	Autumn Food: On the Go Lunch Product	Spring Textiles: Pattern pieces/running stitch and back stitch	Summer Electrical products: making a game
Content Declarative Knowledge 'I know'	<ul style="list-style-type: none"> - I understand about seasonality in relation to food products and the source of different food products - I know about a range of fresh and processed ingredient appropriate for my product and whether they are grown, reared or caught 	<ul style="list-style-type: none"> - I understand how to securely join two pieces of fabric together using running or back stitch - I understand how to securely stiffen and reinforce existing fabrics - I know what a pattern piece is and how it is used to produce a finished product - 	<ul style="list-style-type: none"> - I understand electrical systems and how to use them in my products linked to the science curriculum - I know the basic components required in a simple series circuit
Skills Procedural Knowledge 'I know how to'	<p>Design</p> <ul style="list-style-type: none"> - I know how to generate and clarify ideas through discussion with peers to develop design criteria to inform the design of products that are fit for purpose, aimed at particular individuals or groups - I know how to use annotated sketches and appropriate information and communication technology to develop and communicate ideas - I know how to generate, develop, model and communicate realistic ideas through discussion and, as appropriate, annotated sketches and diagrams <p>Make</p> <ul style="list-style-type: none"> - I know how to order the main stages of making - I know how to select from and use appropriate tools to measure, mark out, cut, score, shape and combine with some accuracy related to their products - I know how to explain their choice of materials according to functional properties and aesthetic qualities - I know how to select from and use materials and components, including ingredients, construction and electrical components according to their function and properties. <p>Evaluate</p> <ul style="list-style-type: none"> - I know how to investigate and evaluate a range of products including the ingredients, materials, components and techniques that are used - I know how to test and evaluate my own product against design criteria and the intended user and purpose - I know how to evaluate their ideas and products against their own design criteria and identify the strengths and areas for improvement in their work 		

	- I know how to use utensils and equipment to prepare and cook food	- I know how to strengthen, stiffen and reinforce existing fabrics	- I know how to use electrical systems in my products linked to the science curriculum - I know how to construct a basic series circuit - I know how to incorporate an electrical circuit into a design
Vocabulary	Evaluating, design brief, design criteria, innovative, prototype, user, purpose, function, design criteria, innovative, appealing, design brief, planning, annotated sketch, name of products, names of equipment, utensils, texture, taste, hygienic	Evaluating, design brief, design criteria, innovative, prototype, user, purpose, function, design criteria, innovative, appealing, design brief, planning, annotated sketch, fabric, names of fabrics, fastening, finishing technique, strength, weakness, templates, stitch, seam, patch, running stitch, blanket stitch	Evaluating, design brief, design criteria, innovative, prototype, user, purpose, function, design criteria, innovative, appealing, design brief, planning, annotated sketch, series circuit, fault detection, switch, battery, battery holder, bulb, wire, insulator, conductor
Key Questions	What makes a good on-the-go lunch product? How can I design a healthy balanced lunch product that someone can eat on-the-go? How can I design packaging that will fulfil my design brief?	What is a pattern piece and how can I use it to inform my design? How can I join two pieces of fabric together using running stitch or back stitch?	How can I design a game incorporating a simple series circuit? How will I construct my game to ensure it is fit for purpose? How successful is my game?
Assessment	Teacher observation against key declarative and procedural knowledge, analysis of final product and children's evaluations.		
Cross Curricular Links/Character Education	Links to Harvest with seasonality of vegetables	Value of love: designing for another person	Science: electricity