



KS2 Cycle 2 Design and Technology Medium Term Plan

	Autumn	Spring	Summer
Curriculum Objective	Cooking and Nutrition: Healthy and Varied Diet <i>Design, make and evaluate - pizza</i>	Structures: Shell Structures <i>Design, make and evaluate - packaging</i>	Mechanical Systems: Levers and Linkages <i>Design, make and evaluate - pop up card</i>
Vocabulary to support Substantive and Disciplinary Knowledge	<p>knife, grater, cutting, spreading, grating, texture, taste, appearance, smell, cook, fresh, savoury, hygienic, edible, grown, reared, caught, processed, seasonal, harvested, healthy/varied diet</p> <p>planning, design criteria, purpose, preference, selecting, user, annotated sketch, evaluations</p>	<p>shell structure, three-dimensional (3-D) shape, marking out, scoring, shaping, tabs, adhesives, joining, assemble, accuracy, material, stiff, strong, prototype</p> <p>planning, design criteria, purpose, evaluating, computer aided design</p>	<p>mechanism, lever, linkage, pivot, slot, pop up</p> <p>user, purpose, function, prototype, design criteria, innovative, appealing, design brief</p>
Lesson Objective	<ul style="list-style-type: none"> To understand the importance of food hygiene. (revisit at the start of every lesson) To research where food comes from and how it is stored. (grown, reared, caught, processed) 	<ul style="list-style-type: none"> To evaluate a range of shell structures. (real life examples) To learn how to make a shell structure. To design a shell structure. - sketch. 	<ul style="list-style-type: none"> To evaluate a range of levers and linkages. (used for popup cards or similar) To learn how to make a lever that could be used for a popup card.

	<ul style="list-style-type: none">• To learn different cookery techniques (spreading, grating).• To learn different cookery techniques (bridge hold, claw grip).• To be able to design a pizza. (considering a healthy/balanced diet and ensuring they use a range of skills learnt)• To learn how to use cookery skills to make a pizza.	<ul style="list-style-type: none">• To design a shell structure. (making a prototype and selecting the techniques taught)• To make a shell structure from my design.<ul style="list-style-type: none">• To evaluate my product.	<ul style="list-style-type: none">• To learn how to make a linkage that could be used to make a popup card.• To be able to design a popup card. (using computer aided design)• To be able to make a popup card using my design.• To be able to evaluate my product.
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