

Year 4 Progression in Design Technology

Structures	Mechanical Systems	Electrical Systems	Computer Programming	Textiles	Cooking and Nutrition
	<p>Levers and Linkages</p> <ul style="list-style-type: none"> I know how lever and linkage mechanisms work and how they are used in the real world 	<p>Simple Circuits and Switches</p> <ul style="list-style-type: none"> I know how to use electrical systems in products, incorporating switches, bulbs and buzzers 	<p>Programming and Control</p> <ul style="list-style-type: none"> I know how to program a microcontroller to enhance the way the product works 		<p>Healthy pizzas</p> <ul style="list-style-type: none"> I know how to use appropriate equipment and utensils to prepare and combine ingredients to create a healthy cooked meal I know about a range of fresh and processed ingredients, and whether they are grown, reared or caught
	<p>Levers and Linkages</p> <p>I will know what levers and linkages are and how they are used in the world around me</p> <p>I will know how to explore realistic and appropriate ideas focusing on the needs of the user</p> <p>I will know how to investigate and evaluate lever and linkage systems</p> <p>I will know how to design a product for my intended purpose and user</p> <ul style="list-style-type: none"> I will know how to generate realistic and appropriate ideas focusing on the needs of the user 	<p>Simple Circuits and Switches</p> <ul style="list-style-type: none"> I will know what battery-powered products using switches are and how they used in the world around me I will know how to explore realistic and appropriate ideas focusing on the needs of the user I will know how to investigate and evaluate products with simple circuits and switches <p>I will know how to design a product for my intended purpose and user</p>	<p>Programming and Control</p> <ul style="list-style-type: none"> I will know what programmable and programmed products are and how they used in the world around me I will know how to explore realistic and appropriate ideas focusing on the needs of the user I will know how to investigate and evaluate programmable and programmed products I will know how to design a product for my intended purpose and user 		<p>Healthy & Varied Diet</p> <ul style="list-style-type: none"> I will know what healthy meals and pizzas are and how they used in the world around me I will know how to explore realistic and appropriate ideas focusing on the needs of the user I will know how to investigate and evaluate healthy pizza products <p>I will know how to design a product for my intended purpose and user</p> <p>I will know how to generate realistic and appropriate ideas focusing on the needs of the user</p>

	<p>I will know how to make my product using the design criteria</p> <p>I will know how to evaluate my product for the intended purpose and intended user</p>	<p>I will know how to generate realistic and appropriate ideas focusing on the needs of the user</p> <p>I will know how to make my product using the design criteria</p> <p>I will know how to evaluate my product for the intended purpose and intended user</p>	<p>I will know how to generate realistic and appropriate ideas focusing on the needs of the user</p> <p>I will know how to make my product using the design criteria</p> <p>I will know how to evaluate my product for the intended purpose and intended user</p>		<p>I will know how to make my product using the design criteria</p> <p>I will know how to evaluate my product for the intended purpose and intended user</p>
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