

Year 1 Progression in Design Technology

Structures	Mechanical Systems	Electrical Systems	Computer Programming	Textiles	Cooking and Nutrition
<p>Freestanding Structures:</p> <ul style="list-style-type: none"> ● I know how to make freestanding structures stronger, stiffer and more stable 	<p>Sliders and Levers</p> <ul style="list-style-type: none"> ● I know how sliders and levers work and how to create moving mechanisms ● I know that different mechanisms produce different types of movement 				<p>Preparing fruit</p> <ul style="list-style-type: none"> ● I know where a range of fruit and vegetables come from ● I know the basic principles of a healthy and varied diet and how fruit is part of <i>The Eatwell Plate</i>
<p>Freestanding Structures:</p> <ul style="list-style-type: none"> ● I will know what freestanding structures are and how they are 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 common freestanding structures ● I will know how to design a product for my intended purpose and user ● I will know how to generate realistic and appropriate ideas focusing on the needs of the user 	<p>Sliders and Levers</p> <ul style="list-style-type: none"> ● I will know what sliders and levers are and how they are 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 slider and lever mechanisms ● I will know how to design a product for my intended purpose and user ● I will know how to generate realistic and appropriate ideas focusing on the needs of the user ● I will know how to make my product using the design criteria 				<p>Preparing fruit</p> <ul style="list-style-type: none"> ● I will know how to investigate and evaluate different fruits ● 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 common fruit food products ● I will know how to design a product for my intended purpose and user ● I will know how to generate realistic and appropriate ideas focusing on the needs of the user ● I will know how to write a set of instructions for a product I will make

<ul style="list-style-type: none">● I will know how to make my product using the design criteria● I will know how to evaluate my product for the intended purpose and intended user	<ul style="list-style-type: none">● I will know how to evaluate my product for the intended purpose and intended user				<ul style="list-style-type: none">● I will know how to make my product using the design criteria● I will know how to evaluate my product for the intended purpose and intended user
--	---	--	--	--	--