

## St . Austin's Design and Technology Overview 2022-2023

Year Group	Autumn	Spring	Summer
N	<p style="text-align: center;"><b>Structures</b> Freestanding structures (During junk model play/ construction)</p>	<p style="text-align: center;"><b>Food</b> Preparing a variety of food stuffs</p>	<p style="text-align: center;"><b>Structures</b> Freestanding structures (During junk model play/ construction)</p>
R	<p style="text-align: center;"><b>Structures</b> Freestanding structures (During junk model play/construction)</p>	<p style="text-align: center;"><b>Food</b> Preparing a variety of food stuffs (fruit salads, fruits tarts, chapattis, krispie cakes)</p>	<p style="text-align: center;"><b>Mechanisms</b> Sliders and levers (adding flaps to a picture to hide something)</p>
Year 1	<p style="text-align: center;"><b>Mechanisms</b> Wheels and axles <b>Moving Vehicles</b></p>	<p style="text-align: center;"><b>Structures</b> Freestanding structures <b>Strong Structures</b></p>	<p style="text-align: center;"><b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1) <b>Super Salads</b></p>
Year 2	<p style="text-align: center;"><b>Mechanisms</b> Sliders and levers <b>Link to RE Nativity scene</b></p>	<p style="text-align: center;"><b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1) <b>Healthy Wrap</b></p>	<p style="text-align: center;"><b>Textiles</b> Templates and joining techniques <b>Hand Puppets</b></p>
Year 3	<p style="text-align: center;"><b>Textiles</b> 2-D shape to 3-D product <b>Pencil Case</b></p>	<p style="text-align: center;"><b>Structures</b> Shell structures (including computer-aided design) <b>Desk Tidy</b></p>	<p style="text-align: center;"><b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2) <b>Bread Rolls</b></p>
Year 4	<p style="text-align: center;"><b>Mechanical Systems</b> Levers and linkages <b>Pop up Christmas Card</b></p>	<p style="text-align: center;"><b>Electrical Systems</b> Simple circuits and switches (including programming and control) <b>Torches</b></p>	<p style="text-align: center;"><b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2) <b>Pitta Pizza</b></p>
Year 5	<p style="text-align: center;"><b>Electrical Systems</b> More complex switches and circuits (including programming, monitoring and control) <b>Electrical Board Game</b></p>	<p style="text-align: center;"><b>Food</b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)</p>	<p style="text-align: center;"><b>Structures</b> Frame structures <b>Playground shelter</b></p>
Year 6	<p style="text-align: center;"><b>Textiles</b> Combining different fabric shapes (including computer-aided design) <b>Mobile Phone Carrier</b></p>	<p style="text-align: center;"><b>Mechanical Systems</b> Pulleys or gears <b>Bridges</b></p>	<p style="text-align: center;"><b>Food</b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2) <b>Cuban Fruit Cocktail</b></p>