

## DESIGN TECHNOLOGY



WHOLE SCHOOL SCIENCE OVERVIEW						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	3 bear chairs	3 bear blanket	Hats	Hinges	Vehicles	Fantastic fruit
	Mechanisms		Structures		Food	
Year 1	Sliders and levers		Freestanding structures		<ul><li>Preparing fruit and vegetables</li><li>Cooking &amp; nutrition requirements</li></ul>	
	Mechanisms		Food		Textiles	
Year 2	Wheels and axis		Preparing fruit and vegetables Cooking & nutrition requirements		<ul><li>Templates</li><li>Joining techniques</li></ul>	
Year 3	Structures		Food		Textiles	
	<ul><li>Shell structures</li><li>Computer aided design</li></ul>		<ul><li>Healthy and varied diets</li><li>Cooking &amp; nutrition</li></ul>		2d shape to 3d product	
Year 4	Mechanical systems		Electrical systems		Food	
	Levers and linkages		<ul><li>Simple circuits and switches</li><li>Programming and controlling</li></ul>		<ul><li>Healthy and varied diets</li><li>Cooking &amp; nutrition</li></ul>	
Year 5	Structures		Electrical systems		Food	
	Frame structures		<ul><li>More complex switches and circuits</li><li>Programming, monitoring and controlling t</li></ul>		<ul><li>Celebrating food and seasonality</li><li>Cooking &amp; nutrition</li></ul>	
Year 6	Textiles		Mechanical systems		Food	
	<ul><li>Combining different fabric shapes</li><li>Computer aided design</li></ul>		Pulleys and gears		<ul><li>Celebrating culture and seasonality</li><li>Cooking 8 nutrition</li></ul>	