

## Design and Technology - Coverage and projects at Weeke

	Autumn	Spring	Summer
EYFS	<p>Mechanisms (simple flaps)</p> <p><i>Make a simple flap picture linked to the story Dear Zoo</i></p> <p>Food (following simple instructions)</p> <p><i>Make gingerbread following simple widgit instructions</i></p>	<p>Structures (towers, building – using blocks and construction materials inside and outside)</p> <p><i>In continuous provision</i></p>	<p>Textiles (joining a variety of different materials)</p> <p><i>In continuous provision</i></p>
Year 1	<p>Mechanisms (sliders and levers)</p> <p><i>Design, make and evaluate a moving Christmas card</i></p>	<p>Food and Nutrition (preparing fruit and vegetables, including cooking and nutrition)</p> <p><i>Design, make and evaluate a salad for the school salad bar</i></p>	<p>Structures (free standing structures)</p> <p><i>Design, make and evaluate a shelter for Captain Scott</i></p>
Year 2	<p>Mechanisms (wheels and axles)</p> <p><i>Design, make and evaluate a moving vehicle for Bob (from Man on the Moon)</i></p>	<p>Textiles (templates and joining techniques)</p> <p><i>Design, make and evaluate a puppet to accompany the story Where the Wild Things Are</i></p>	<p>Food and Nutrition (preparing fruit and vegetables, including cooking and nutrition)</p> <p><i>Design, make and evaluate a wrap for your packed lunch</i></p>
Year 3	<p>Structures (shell structures)</p> <p><i>Design, make and evaluate packaging to promote animals at the zoo</i></p>	<p>Food (healthy and varied diet, including cooking and nutrition)</p> <p><i>Design, make and evaluate a range of balanced and varied snacks for the snack bar</i></p>	<p>Mechanisms (levers and linkages)</p> <p><i>Design, make and evaluate a moving picture linked to story George and the Dragon</i></p>
Year 4	<p>Food (healthy and varied diet, including cooking and nutrition)</p> <p><i>Design, make and evaluate a healthy soup for the school kitchen.</i></p>	<p>Electrical Systems (simple circuit and switches, including programming and control)</p> <p><i>Design, make and evaluate a portable source of light to see artefacts in a tomb</i></p>	<p>Textiles (2D shape to 3D shape product)</p> <p><i>Design, make and evaluate a soft toy to be sold at Marwell Zoo</i></p>
Year 5	<p>Mechanical Systems (pulleys or gears)</p> <p><i>Design, make and evaluate a new fairground ride for Paultons Park</i></p>	<p>Electrical Systems (using more complex switches and circuits, including programming, control and monitoring)</p> <p><i>(WORK IN PROGRESS – TO LINK UP WITH FAIRGROUND RIDES USING MICROBIT)</i></p>	<p>Food (celebrating culture and seasonality, including cooking and nutrition)</p> <p><i>Design, make and evaluate a dip for a Greek banquet</i></p>
Year 6	<p>Structures (frame structures)</p> <p><i>Design, make and evaluate a bridge that is either permanent or portable for tanks during wartime to cross a river, trench and any extensive gap</i></p>	<p>Textiles (combining different fabric shapes, including CAD)</p> <p><i>Design, make and evaluate a mobile phone carrier</i></p>	<p>Food (celebrating culture and seasonality, including cooking and nutrition)</p> <p><i>Design, make and evaluate a buffet for the end of year party</i></p>

**Curriculum design at Weeke – coverage of strands throughout primary career**

<b>Mechanisms</b>	<b>Structures</b>	<b>Textiles</b>	<b>Electrical Systems</b>	<b>Food</b>
Flaps (Simple Levers) - EYFS	Towers and buildings (block and construction areas) - EYFS	Joining a variety of materials - EYFS		Preparing fruit and vegetables and manipulating dough, following simple instructions - EYFS
Sliders and Levers – Y1	Free Standing Structure – Y1	Templates and joining – Y2	Simple circuits and switches – Y4	Preparing Fruit and Vegetables – Y1 and 2
Wheels and Axles – Y2	Shell Structures – Y3	2D shape to 3D product – Y4	More complex switches – Y5	Healthy and varied diet – Y3 and 4
Levers and Linkages – Y3	Frame Structures – Y6	Combining different fabric shapes – Y6		Celebrating culture and seasonality – Y5 and 6
Pulleys and Gears – Y5				