



JACOBSTOW
COMMUNITY ACADEMY

Design Technology

EYFS	<p>Select and use activities and resources. Use a range of small tools. Creating with materials: Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. Share their creations, explaining the process they have used.</p>		
Year 1/2	Autumn 2	Spring 2	Summer 2
Year A	<p>Mechanisms- Wheels and axles: To create a moving vehicle for a character Linked Designer: Austin 7 link with History/ LEGO</p>	<p>Structures-Freestanding structures: Create a freestanding clocktower. Linked Designer: Augustus Pugin (architect of the Queen Elizabeth Tower)</p>	<p>Food-Preparing fruit and vegetables: Create a smoothie Linked Designer: Innocent Smoothies</p>
Year B	<p>Textiles- Templates and joining techniques: Create a Christmas Stocking Linked Designer: TBC</p>	<p>Mechanisms-Sliders and levers: Create a moving Christmas card Linked Designer: Julia Donaldson Gruffalo</p>	<p>Food-Preparing fruit and vegetables: Creating a fruit snack such as a fruit kebab for EYFS Linked Technician: Joanne Wilton our school kitchen manager</p>
Year 3-6	Autumn 2	Spring 2	Summer 2
Year A	<p>Textiles- Combining different fabric shapes incl. CAD: To design and create fabric Christmas tree Decorations. Linked Designer: Gisella Graham</p>	<p>Structures- Frame structures: To design and make a kite to fly to link with Chinese new year. Linked Designer: Chinese philosopher Mo-tse Kite inventor (link to Chinese new year)</p>	<p>Food- Health and varied diet: To design and cook a pizza in the pizza oven including making the dough Linked Technician: Joanne Wilton – school kitchen manager</p>
Year B	<p>Electrical systems- simple circuits and switches: Create a torch for a reading for pleasure party.</p>	<p>Food-Celebrating culture and seasonality: Making Pasties Linked Designer: TBC</p>	<p>Mechanical systems or gears: To design and create moving cable car toy for younger children.</p>

	Linked Designer: David Missell		Linked Designer: TBC
Year C	<p>Electrical systems- more complex switches and circuits: To design and make electronic games for Year 3.</p> <p>Linked Designer: Steady Buzz Electronic Game</p>	<p>Food- Bread making - Health and varied diet: Creating a healthy lunch box sandwich for a picnic.</p> <p>Linked Designer: The Electric bakery, Bude</p>	<p>Structures – designing marble runs: Create a marble run to be played with by younger children.</p> <p>Linked Designer: TBC</p>
Year D	<p>Food-Celebrating culture and seasonality: To create a recipe and make a healthy winter soup</p> <p>Linked Designer: Covent Garden Soups</p>	<p>Mechanical systems- Levers and linkages: To create a moving Science book to show a process in science.</p> <p>Linked Designer: Usbourne Books</p>	<p>Textiles- 2D shape to 3D shape: To design and create a pencil case.</p> <p>Linked Designer: Helix Pencil Cases</p>