



Design Technology

	Autumn 2 Year A	Autumn 2 Year B	Spring 2 Year A	Spring 2 Year B	Summer 2 Year A	Summer 2 Year B
EYFS	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.					
Year 1/2	Mechanisms-Sliders and levers: Create a moving Christmas card Linked Designer: Julia Donaldson Gruffalo	Food-Preparing fruit and vegetables: Creating a fruit snack for EYFS Linked Technician: Danielle Wright our school kitchen manager	Food-Preparing fruit and vegetables: Create a smoothie Linked Designer: Innocent Smoothies	Structures- Freestanding structures: Create a freestanding clocktower. Linked Designer: Augustus Pugin (architect of the Queen Elizabeth Tower)	Textiles- Templates and joining techniques: Create a storytelling hand puppet. Linked Designer: Jim Henson	Mechanisms- Wheels and axles: To create a moving vehicle. Linked Designer: Austin 7 link with History/ LEGO
Year 3/4	Structures- Designing shell structures: Create a Christmas gift box to sell at the Christmas Fair. Linked Designer: Brands packaging (e.g. Lindt, Cadbury)	Mechanical systems- Levers and linkages: To create a moving Science book to show solids, liquids, gas and the water cycle. Linked Designer: Usbourne Books	Electrical systems- simple circuits and switches: Create a torch for a reading for pleasure party. Linked Designer: David Missell	Textiles- 2D shape to 3D shape: To design and create a pencil case. Linked Designer: Helix Pencil Cases	Food- Health and varied diet: To design and cook a pizza in the pizza oven to share with parents. Linked Designer: Pizzalogica local Dartington Pizza restaurant	Food- Health and varied diet: Creating a healthy lunch box sandwich for a picnic. Linked Designer: The Green Table chef at Dartington
Year 5/6	Food-Celebrating culture and seasonality: To design and bake a	Textiles- Combining different fabric shapes incl. CAD: To design and create	Structures- Frame structures: To design and make a kite to fly to link with	Mechanical systems- Pulleys or gears: To design and create moving vehicles for	Electrical systems- more complex switches and circuits: To design and make	Food-Celebrating culture and seasonality: Baking seasonal bread for

	gingerbread house for the Christmas Fair. Linked Designer: London gingerbread village	fabric Christmas tree Decorations. Linked Designer: Gisella Graham	Chinese new year. Linked Designer: Chinese philosopher Mo-tse Kite inventor (link to Chinese new year)	younger children. Linked Designer: Karl Friedrich Benz and Gottlieb Daimler car inventors	electronic games for Year 3. Linked Designer: Steady Buzz Electronic Game	sharing. Linked Designer: The local Almond Thief Bakery/ Riverford Farm Shop
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