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| **Design Technology** | | | |
| **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** | **Autumn 2** | **Spring 2** | **Summer 2** |
| **Year A** | Mechanisms- Wheels and axles: To create a moving vehicle for a character  **Linked Designer: Austin 7 link with History/ LEGO** | Structures-Freestanding structures: Create a freestanding clocktower.  **Linked Designer: Augustus Pugin (architect of the Queen Elizabeth Tower)** | Food-Preparing fruit and vegetables: Create a smoothie  **Linked Designer: Innocent Smoothies** |
| **Year B** | Textiles- Templates and joining techniques: Create a Christmas Stocking  **Linked Designer: TBC** | Mechanisms-Sliders and levers: Create a moving Christmas card  **Linked Designer: Julia Donaldson Gruffalo** | Food-Preparing fruit and vegetables: Creating a fruit snack such as a fruit kebab for EYFS  **Linked Technician: Joanne Wilton our school kitchen manager** |
| **Year 3-6** | **Autumn 2** | **Spring 2** | **Summer 2** |
| **Year A** | Textiles- Combining different fabric shapes incl. CAD: To design and create fabric Christmas tree Decorations.  **Linked Designer: Gisella Graham** | 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)** | 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** |
| **Year B** | Electrical systems- simple circuits and switches: Create a torch for a reading for pleasure party.  **Linked Designer: David Missell** | Food-Celebrating culture and seasonality: Making Pasties  **Linked Designer: TBC** | Mechanical systems or gears: To design and create moving cable car toy for younger children.  **Linked Designer: TBC** |
| **Year C** | Electrical systems- more complex switches and circuits: To design and make electronic games for Year 3.  **Linked Designer: Steady Buzz Electronic Game** | Food- Bread making - Health and varied diet: Creating a healthy lunch box sandwich for a picnic.  **Linked Designer: The Electric bakery, Bude** | Structures – designing marble runs: Create a marble run to be played with by younger children.  **Linked Designer: TBC** |
| **Year D** | Food-Celebrating culture and seasonality: To create a recipe and make a healthy winter soup  **Linked Designer: Covent Garden Soups** | Mechanical systems- Levers and linkages: To create a moving Science book to show a process in science.  **Linked Designer: Usbourne Books** | Textiles- 2D shape to 3D shape: To design and create a pencil case.  **Linked Designer: Helix Pencil Cases** |