Overview of Design and Technology Content

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|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| **Reception** |  |  |  |  | **Make a fruit salad** | **Papier mâché dragon eggs** |
| **Year 1** | **Mechanisms: Wheels and axles**  Vehicles | **Textiles:**  **2-D shape to 3-D product**  Puppets |  |  | **Food:**  **Preparing fruit and vegetables**  **Vegetable salad** |  |
| **Year 2** | **Mechanisms: Sliders and Levers**  Moving superhero card |  | **Food:**  **Preparing fruit and vegetables**  Fruit smoothies |  | **Structures: Freestanding structures**  enclosures for zoo animals |  |
| **Year 3** | **Mechanical systems:**  **Levers and linkages**  Class display/information book |  |  | **Structures:**  **Shell structures**  Egyptian nets |  | **Food:**  **Celebrating culture and a healthy varied diet**  **Dips and Dippers** |
| **Year 4** |  |  | **Electrical Systems:**  **Simple Circuits and Switches**  reading light  **Food:**  **Celebrating culture and a healthy varied diet**  **Super Salads** | **Textiles:**  **2-D shape to 3-D product**  Purse or bag inspired by the Romans |  |  |
| **Year 5** | **Electrical systems:**  **More complex switches and circuits**  An alarm for a valuable artefact |  |  | **Textiles:**  **Using computer-aided design (CAD) in textiles**  Create a product influenced by Mayan textiles |  | **Food:**  **Celebrating culture and seasonality**  **Sustainability - Soups** |
| **Year 6** | **Mechanical Systems:**  **Pulleys or gears**  **Fairground ride** | **Food**:  Designing and creating biscuits using Fairtrade ingredients | **Structures:**  **Frame Structures**  Chairs |  |  |  |

**EYFS**

Hats

Three bears – picnic blanket or chairs

Toys

Hinges and catches