Design and Technology Subject Coverage 2022-2023

|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
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| **Year 1** |  | **Mechanisms: Sliders and Levers**  Moving Christmas card |  | **Textiles:**  **2-D shape to 3-D product**  Puppets |  | **Food:**  **Preparing fruit and vegetables**  Fruit Smoothies |
| **Year 2** | **Mechanisms: Wheels and axles**  Vehicles |  | **Structures: Freestanding structures**  Stable Structures |  | **Food:**  **Preparing fruit and vegetables**  Dips and Dippers |  |
| **Year 3** | **Food:**  **Celebrating culture and a healthy varied diet**  **Making Bread**  Super Salad Sandwiches |  | **Textiles:**  **2-D shape to 3-D product**  Purse or Wallet |  | **Mechanical systems:**  **Pneumatics**  Moving Monsters |  |
| **Year 4** |  | **Food:**  **Celebrating culture and a healthy varied diet**  Vegetable Pizza | **Structures:**  **Shell structures**  Desk Tidy  3D printing |  | **Electrical Systems:**  **Simple Circuits and Switches**  reading light |  |
| **Year 5** |  | **Mechanical Systems:**  **Pulleys or gears**  Off-Road Vehicle |  | **Textiles:**  **Using computer-aided design (CAD) in textiles**  Garden Tool Belt |  | **Food:**  **Celebrating culture and seasonality**  Lasagne |
| **Year 6** | **Structures:**  **Frame Structures**  Vegetable Planter |  | **Food**:  **Celebrating culture and seasonality**  Two Course Meal |  | **Electrical systems:**  **More complex switches and circuits**  Security Device |  |