Our Lady and St Philomena’s Design and Technology Curriculum

|  |  |  |  |
| --- | --- | --- | --- |
| Throughout each topic, units follow the pattern of - Research, Practise Skills, Create, Evaluate | | | |
|  | Autumn 2 | Spring 2 | Summer 2\* |
| Year 1 | **Mechanisms - Slides and levers Greetings cards** | **Textiles - Templates and Joining** | **Food - Preparing Fruit** |
| Year 2 | **Structures - Freestanding Structures** | **Mechanisms - Wheels and Axles** | **Food - Preparing Vegetables** |
| Year 3 | **Textiles - 2D Shape to 3D Product** | **Structures - Shell Structures (Computer Aided drawing)** | **Food - Healthy and Varied Diet** |
| Year 4 | **Mechanical Systems - Levers and Linkages** | **Electrical Systems - Simple Circuits and Switches** | **Food – Mediterranean Diet** |
| Year 5 | **Mechanical Systems- Pulleys or Gears** | **Structures - Frame Structures** | **Food – Breads** |
| Year 6 | **Textiles - Combining Different Fabric Shapes** | **Electrical Systems - More Complex Switches (programming)** | **Food – Nutritious Food on a Budget\* Summer 1** |