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|  | **Autumn Term** | **Spring Term** | **Summer Term** |
| **Year 1** | **Mechanisms** – Wheels and axles  | **Structures –** Freestanding structures  | **Food** – Preparing fruit and vegetables  |
| **Year 2** | **Mechanisms** – Sliders and levers  | **Textiles** – Templates and joining techniques  | **Food** – Preparing fruit and vegetables  |
| **Year 3** | **Textiles** – 2-D shape to 3-D product  | **Electrical Systems** – Simple circuits and switches **Electrical Systems** – Simple programming and control  | **Mechanical Systems** – Pneumatics **Food** – Healthy and varied diet |
| **Year 4** | **Mechanical Systems** – Levers and linkages  | **Structures** – Shell structures **Structures** – Shell structures using computer-aided design | **Food** – Healthy and varied diet  |
| **Year 5** | **Textiles**- Combining different fabric shapes**Textiles-** Using computer aided design in textiles | **Mechanical Systems**- Cams**Mechanical Systems-** Pulleys or gears | **Electrical systems-** Monitoring and control **Food**- Celebrating Culture and seasonality |
| **Year 6** | **Electrical Systems-** More complex switches and circuits | **Structures-** Frame structures | **Food**- Celebrating Culture and seasonality |