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|  | **AUTUMN** | **SPRING** | **SUMMER** |
| **YEAR 1** | **Mechanisms**Sliders and levers | **Structures**Freestanding structures | **Food**Preparing fruit and vegetables (including cooking and nutrition requirements for KS1) |
| **YEAR 2** | **Mechanisms**Wheels and axles | **Food**Preparing fruit and vegetables (including cooking and nutrition requirements for KS1) | **Textiles**Templates and joining techniques |
| **YEAR 3** | **Mechanical Systems**Levers and linkages | **Food**Healthy and varied diet (Including cooking and nutrition requirements for KS2) | **Textiles**2-d shape to 3-d product |
| **YEAR 4** | **Food**Healthy and varied diet (including cooking and nutrition requirements for KS2) | **Electrical Systems**Simple circuits and switches (including programming and control) | **Structures**Shell structures (including computer-aided design) |
| **YEAR 5** | **Structures**Frame structures | **Food**Celebrating culture and seasonality(including cooking and nutrition requirements for KS2) | **Electrical systems**Using more complex switches and circuits (including programming, control and monitoring) |
| **YEAR 6** | **Textiles**Combining different fabric shapes (including computer-aided design) | **Mechanical Systems**Pulleys, gears or cams | **Food**Celebrating culture and seasonality (including cooking and nutrition requirements for KS2) |