**Key Stage 1**

Autumn

Spring

Summer

|  |  |  |
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| Y1 **Mechanisms**Sliders and levers  | **Textiles**Sewing | **Food**Preparing fruit and vegetables(including cooking and nutrition requirements for KS1) |
| Y2 **Mechanisms**Wheels and axles | **Food**Preparing fruit and vegetables(including cooking and nutrition requirements for KS1) | **Textiles**Templates and joining techniques2-D shape to 3-D product |

**Key Stage 2**

Autumn

Spring

Summer

|  |  |  |
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| Y3 **Structures**Free-standing structures | **Mechanical Systems**Pneumatics systems | **Food** Healthy and varied diet(including cooking and nutrition requirements for KS2) |
|  **Mechanical systems**Y4 Levers and linkages | **Electrical systems**Simple circuits and switches (including programming and control) | **Knowledge of design**Famous British designers and inventions |

Autumn

Spring

Summer

|  |  |  |
| --- | --- | --- |
| **Mechanical systems/ Textiles**Famous inventions and designersY5  | **Food**Celebrating culture and seasonality(including cooking and nutrition requirements for KS2) | **Structures**Frame structures |
| **Food**Y6 Celebrating culture and seasonality(including cooking and nutrition requirements for KS2) |  | **Electrical systems**Simple circuits and switches (including programming and control) |