**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 techniques  2-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 designers  Y5 | **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) |