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| Y1 | <b>Mechanisms</b><br>Sliders and levers                                                                                        | <b>Food</b><br>Preparing fruit and vegetables<br>(including cooking and nutrition requirements for KS1)      | <b>Structures</b><br>Freestanding structures                                                     |
| Y2 | <b>Mechanisms</b><br>Wheels and axels                                                                                          | <b>Food</b><br>Preparing fruit and vegetables<br>(including cooking and nutrition requirements for KS1)      | <b>Textiles</b><br>Templates and joining techniques                                              |
| Y3 | <b>Structures</b><br>Shell structures                                                                                          | <b>Food</b><br>Healthy and varied diet<br>(including cooking and nutrition requirements for KS2)             | <b>Textiles</b><br>2D shape to 3D product                                                        |
| Y4 | <b>Electrical systems</b> <i>Linked to science</i><br>Simple circuits and switches                                             | <b>Mechanical systems</b><br>Pneumatics                                                                      | <b>Food</b><br>Healthy and varied diet<br>(including cooking and nutrition requirements for KS2) |
| Y5 | <b>Mechanical systems</b><br>Pulleys or gears                                                                                  | <b>Textiles</b><br>Using computer aided design (CAD) in textiles                                             | <b>Structures</b><br>Frame structures                                                            |
| Y6 | <b>Electrical systems</b> <i>Linked to science</i><br>More complex switches<br>(including programming, monitoring and control) | <b>Food</b><br>Celebrating culture and seasonality<br>(including cooking and nutrition requirements for KS2) | <b>Textiles</b><br>Combining different fabric shapes<br>(including computer aided design)        |