



# Design & Technology Teaching Sequence

Based on Kapow Design & Technology.

| Year          | Year 1  | Year 2  | Year 3  |
|---------------|---|---|---|
| <b>Autumn</b> | Mechanisms: Wheels and axles<br>Textiles: Puppets                                 | Food: A balanced diet<br>Structures: Baby bear's chair (L2-4) | Food: Eating seasonally (link to Science and harvest)<br>Textiles: Cushions                       |
| <b>Spring</b> | Food: Fruit and vegetables  | Mechanisms: Fairground wheel                                  | Digital world: Electronic charm<br>Mechanical system: Pneumatic toys (L2-4 watch tea box from L1) |
| <b>Summer</b> | Structures: Constructing windmills (L1-3)<br>Mechanisms: Moving story book (L1-3) | Textiles: Pouches (L1-3)<br>Mechanisms: Moving monster        | Structures: Constructing a castle Roman fort (L2-4)   |

| Year          | Year 4  | Year 5  | Year 6   |
|---------------|---|---|--|
| <b>Autumn</b> | Textiles: Fastenings<br>Food: Adapting a recipe   | Electrical systems: Electronic greetings cards (L2-4)<br>Mechanical systems: Making a pop-up book (L1-3 use J&J template in L2) | Electrical systems: Steady hand game (L2-4)  |
| <b>Spring</b> | Structures: Pavilions   | Food: What could be healthier?<br>Digital world: Monitoring devices   | Mechanical systems: Automata toys<br>Digital world: Navigating the world (L5 can be celebratory event)                       |
| <b>Summer</b> | Mechanical systems: Making a slingshot car steam train (L2-4)<br>Electrical systems: Torches (L2-4) | Structures: Bridges Egyptian  | Structure: Playgrounds (L1-3 skip surrounding landscape and complete playground structures in L3)<br>Food: Come dine with me |