Design and Technology curriculum map

| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|---|---|---|---|---|---|---|
| **Nursery** | **Food**<br>Preparing birthday cake | | **Mechanisms**<br>Emergency vehicles | | **Textiles**<br>Collage of farm animals | |
| **Reception** | **Structures**<br>Space rockets using construction kits and recycled materials | | **Food**<br>Name, prepare and taste fruit and veg | | **Mechanisms**<br>Flap books | |
| **Year 1** | **Food**<br>Preparing fruit | | **Mechanisms**<br>Sliders and levers | | **Structures**<br>Free standing structures | |
| **Year 2** | **Food**<br>Preparing vegetables | | **Mechanisms**<br>Wheels and axes | | **Textiles**<br>Templates and joining | |
| **Year 3** | **Food**<br>Healthy and varied diet | | **Mechanisms**<br>Pneumatics | | **Structures**<br>Shell structures using CAD | |
| **Year 4** | **Textiles**<br>2D to 3D product | | **Electrical systems**<br>Simple circuits and switches<br>Simple programming and control | | **Food**<br>Healthy and varied diet | |
| **Year 5** | **Mechanisms**<br>Pulleys or Gears, Cams | | **Textiles**<br>Combining different fabric shapes<br>Using CAD in textiles | | **Food**<br>Celebrating culture and seasonality | |
| **Year 6** | **Electrical systems**<br>More complex switches and circuits, Monitoring and control | | **Food**<br>Celebrating culture and seasonality | | **Structures**<br>Frame structures using CAD | |