



## Long Term Plan for Design Technology updated March 2023

	Autumn	Spring	Summer
Rec	Structures: Junk Modelling - 6 lessons	Textiles: Bookmarks - 6 lessons (link to World Book Day)	Structures: Boats - 6 lessons
Year 1	Textiles: Puppets - 4 lessons (link to Christmas character)	Mechanisms: Wheels and axles - 4 lessons (links to WRM height and length)	Structures: Constructing windmills - 3 lessons (links to WRM geometry)
Year 2	Mechanisms: Making a moving monster - 4 lessons	Structures: Baby Bears Chair - 3 lessons (link to World Book Day) <b><u>You could be an industrial designer</u></b> <i>Industrial designers develop innovative concepts for manufactured products including furniture. They research potential products, sketch designs and build prototypes. They then test overall functionality and evaluate product safety.</i>	Food: A balanced diet - 4 lessons <b><u>You could be a dietician</u></b>
Year 3	Mechanical systems: Pneumatic toys - 3 lessons (link to Christmas/ toys)	Digital World: Electric Charm - 4 lessons	Textiles: Egyptian Collars - 4 lessons (link to history unit) <b><u>You could be a costume designer</u></b>

<p><b>Year 4</b></p>	<p>Food: Adapting a recipe - 4 lessons  <u>You could be a chef</u></p>	<p>Electrical Systems: Torches - 3 weeks  (link to Science: Electricity)</p>	<p>Structures : Pavilions - 4 Lesson  (links to WRM Geometry)</p>
<p><b>Year 5</b></p>	<p>Textiles: Stuffed toy - 4 lessons  (link to Xmas and create a tree decoration)</p>	<p>Mechanical Systems: Making a pop-up book  - 3 lessons  (link to World Book Day)</p>	<p>Digital World: Monitoring Devices - 4 lessons  (links to Computing - Programming)  <u>You could be a product designer</u></p>
<p><b>Year 6</b></p>	<p>Food: What could be healthier? - 4 lessons  <u>You could be a nutritionist</u>  <i>Nutritionists share scientific food knowledge and advice about the effects of diet and nutrition on health and wellbeing</i></p>	<p>Structures- playground - 3 weeks  <u>You could be a construction site manager</u></p>	<p>Electrical Systems: Steady hand games - 3 weeks  (link to Science: Electricity)  <u>You could be an electrician</u></p>