

## Design and Technology Long Term Plan



**Kapow**  
Primary

### Suggested long-term plan: Design and technology - Overview (EYFS and KS1)

<b>EYFS</b> (Reception)	Unit 1	Unit 2	Unit 3	Unit 4		
	<b>Structures</b>	<b>Cooking and nutrition</b>	<b>Textiles</b>	<b>Structures</b>		
	<a href="#">Junk modelling</a>	<a href="#">Soup</a>	<a href="#">Bookmarks</a>	<a href="#">Boats</a>		
	Autumn lesson	Christmas lesson	Spring lesson	Easter lesson	Summer lessons	
	<a href="#">Hibernation box</a>	<a href="#">Sliding picture</a>	<a href="#">Flower threading</a>	<a href="#">Hanging decoration</a>	<a href="#">Designing a rainbow salad</a> and <a href="#">Making a rainbow salad</a>	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 1</b>	<b>Mechanisms</b>	<b>Structures</b>	<b>Textiles</b>	<b>Mechanisms</b>	<b>Cooking and nutrition</b>	<ul style="list-style-type: none"> <li>★ Celebrate KS1's achievements in D&amp;T, with a gallery of their products.</li> <li>★ Set an invention challenge with scrap materials.</li> <li>★ Extra-curricular trips.</li> <li>★ Overflow time to complete units.</li> </ul>
	<a href="#">Making a moving story book</a>	<a href="#">Constructing a windmill</a>	<a href="#">Textiles: Puppets</a>	<a href="#">Wheels and axles</a>	<a href="#">Smoothies</a> (6 lessons)	
<b>Year 2</b>	<b>Mechanisms</b>	<b>Cooking and nutrition</b>	<b>Mechanisms</b>	<b>Structures</b>	<b>Textiles</b>	
	<a href="#">Fairground wheel</a> (5 lessons)	<a href="#">Balanced diet</a> (6 lessons)	<a href="#">Making a moving monster</a>	<a href="#">Baby bear's chair</a>	<a href="#">Pouches</a>	

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### *Suggested long-term plan: Design and technology - Overview (Key stage 2)*

The units within a year group can be taught in any order. We have considered the limited equipment available in school when creating our suggested order.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 3</b>	<b>Textiles</b>	<b>Electrical systems</b>	<b>Mechanical systems</b>	<b>Digital world</b>	<b>Cooking and nutrition</b>	<b>Structures</b>
	Cross-stitch and applique <a href="#">Cushions</a> or <a href="#">Egyptian collars</a>	<a href="#">Electric poster</a>	<a href="#">Pneumatic toys</a>	<a href="#">Wearable technology</a>	<a href="#">Eating seasonally</a> (6 lessons)	<a href="#">Constructing a castle</a>
<b>Year 4</b>	<b>Electrical systems</b>	<b>Mechanical systems</b>	<b>Digital world</b>	<b>Cooking and nutrition</b>	<b>Structures</b>	<b>Textiles</b>
	<a href="#">Torches</a>	<a href="#">Making a slingshot car</a>	<a href="#">Mindful moments timer</a>	<a href="#">Adapting a recipe</a> (6 lessons)	<a href="#">Pavilions</a>	<a href="#">Fastenings</a>
<b>Year 5</b>	<b>Mechanical systems</b>	<b>Digital world</b>	<b>Cooking and nutrition</b>	<b>Structures</b>	<b>Textiles</b>	<b>Electrical systems</b>
	Option 1: <a href="#">Gears and pulleys</a> Option 2: <a href="#">Making a pop-up book</a>	<a href="#">Monitoring devices</a>	<a href="#">Developing a recipe</a> (6 lessons)	<a href="#">Bridges</a>	<a href="#">Stuffed Toys</a>	<a href="#">Doodlers</a>
<b>Year 6</b>	<b>Digital world</b>	<b>Cooking and nutrition</b>	<b>Structures</b>	<b>Textiles</b>	<b>Electrical systems</b>	<b>Mechanical systems</b>
	<a href="#">Navigating the world</a>	<a href="#">Come dine with me</a> (6 lessons)	<a href="#">Playgrounds</a>	<a href="#">Waistcoats</a>	<a href="#">Steady hand game</a>	<a href="#">Automata toys</a>