



# Ridgeway Farm CE Academy

Long Term Plan: Design and Technology

	Unit 1	Unit 2	Unit 3	Unit 4		
<b>EYFS (Reception)</b>	<b>Structures</b>	<b>Cooking and nutrition</b>	<b>Textiles</b>	<b>Structures</b>		
	Junk modelling	Soup	Bookmarks	Boats		
	<b>Autumn lesson</b>	<b>Christmas lesson</b>	<b>Spring lesson</b>	<b>Easter lesson</b>	<b>Summer lessons</b>	
	Hibernation box	Sliding picture	Flower threading	Hanging decoration	Designing a rainbow salad <i>and</i> Making a rainbow salad	
<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>
	Making a moving story book	Constructing a windmill	Textiles: Puppets	Option 1: *New* Wheels and axles Option 2: Wheels and axles	Smoothies (6 lessons)	
<b>Year 2</b>	<b>Mechanisms</b>	<b>Cooking and nutrition</b>	<b>Mechanisms</b>	<b>Structures</b>	<b>Textiles</b>	
	Fairground wheel (5 lessons)	Balanced diet (6 lessons)	Making a moving monster	Baby bear's chair	Pouches	

<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 Cushions	Electric poster	Pneumatic toys	Wearable technology	Eating seasonally (6 lessons)	Constructing a castle
<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>
	Torches	Option 1: Mechanical cars Option 2: Making a slingshot car	Mindful moments timer	Adapting a recipe (6 lessons)	Pavilions	Fastenings
<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: Gears and pulleys Option 2: Making a pop-up book	Monitoring devices	Developing a recipe (6 lessons)	Bridges	Stuffed Toys	Doodlers
<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>
	Navigating the world	Come dine with me (6 lessons)	Playgrounds	Waistcoats	Steady hand game	Automata toys