

St. Peter's CE Primary School: Design and Technology Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<i>No explicit teaching. Skills learnt through continuous provision in line with literacy themes.</i>					
EYFS	<i>Autumn DT: Hibernation Boxes</i>	<i>Christmas DT: Sliding Picture</i>	<i>Spring DT: Flower Threading</i>	<i>Easter DT: Hanging Decoration</i>	<i>Summer DT: Designing a Rainbow Salad</i>	<i>Summer DT: Making a Rainbow Salad</i>
Year 1	ART	DT Mechanisms: Making a Moving Story Book <i>Lesson 1: Exploring sliders and movement</i> <i>Lesson 2: Design</i> <i>Lesson 3: Construction</i> <i>Lesson 4: Testing and evaluation</i>	ART	DT Mechanisms: Wheels and Axles <i>Lesson 1: How do wheels move?</i> <i>Lesson 2: Fixing broken wheels</i> <i>Lesson 3: Designing a vehicle</i> <i>Lesson 4: Wacky Races</i>	ART	DT Food: Fruits and Vegetables <i>Lesson 1: Fruit or vegetable?</i> <i>Lesson 2: Where fruit and vegetables grow</i> <i>Lesson 3: Smoothie ingredients tasting</i> <i>Lesson 4: Making smoothies</i>
Year 2	ART	DT Mechanisms: Making a Moving Monster <i>Lesson 1: Pivots, levers and linkages</i> <i>Lesson 2: Making linkages</i> <i>Lesson 3: Designing my</i>	ART	DT Textiles: Pouches <i>Lesson 1: Running stitch</i> <i>Lesson 2: Using a template</i> <i>Lesson 3: Making a pouch</i> <i>Lesson 4: Decorating a</i>	ART	DT Structures: Making Baby Bear's Chair <i>Lesson 1: Exploring stability</i> <i>Lesson 2: Strengthening materials</i> <i>Lesson 3: Making Baby</i>

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		<p>monster</p> <p>Lesson 4: Making my monster</p> <p>(Prior learning: Mechanisms – Making a Moving Story Book Yr1)</p>		pouch		<p>Bear's chair</p> <p>Lesson 4: Fixing and testing Baby Bear's Chair</p>
Year 3	<p>DT Structures: Constructing a Castle</p> <p>Lesson 1: Features of a castle</p> <p>Lesson 2: Designing a castle</p> <p>Lesson 3: Nets and structures</p> <p>Lesson 4: Building a castle</p> <p>(Prior learning: Structures - Making Baby Bear's Chair Yr2)</p>	ART	ART	<p>DT Textiles: Cushions</p> <p>Lesson 1: Cross-stitch and applique</p> <p>Lesson 2: Cushion design</p> <p>Lesson 3: Decorating my cushion</p> <p>Lesson 4: Assembling my cushion</p> <p>(Prior learning: Textiles - Pouches Yr2)</p>	ART	<p>DT Food: Easting Seasonally</p> <p>Lesson 1: Where in the world?</p> <p>Lesson 2: British seasonal foods</p> <p>Lesson 3: Rainbow food</p> <p>Lesson 4: Making tarts</p> <p>(Prior learning: Food – Fruits and Vegetables Yr1)</p>

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Year 4	ART	<p>DT Structure: Pavilions</p> <p><i>Lesson 1: Exploring frame structures</i></p> <p><i>Lesson 2: Designing a pavilion</i></p> <p><i>Lesson 3: Pavilion frame</i></p> <p><i>Lesson 4: Pavilion cladding</i></p> <p><i>(Prior learning: Structures – Constructing a Castle Yr3)</i></p>	ART	<p>DT Electrical Systems: Torches</p> <p><i>Lesson 1: Electrical products</i></p> <p><i>Lesson 2: Evaluating torches</i></p> <p><i>Lesson 3: Torch design</i></p> <p><i>Lesson 4: Torch assembly</i></p>	ART	<p>DT Textiles: Fastenings</p> <p><i>Lesson 1: Evaluating fastenings</i></p> <p><i>Lesson 2: Designing my book sleeve</i></p> <p><i>Lesson 3: Paper mock-up and preparing fabric</i></p> <p><i>Lesson 4: Assembling my book sleeve</i></p> <p><i>(Prior learning: Textiles - Cushions Yr3)</i></p>
Year 5	ART	<p>DT Mechanical Systems: Making a Pop-Up Book</p> <p><i>Lesson 1: Pop-up book page design</i></p> <p><i>Lesson 2: Making my pop-up book</i></p> <p><i>Lesson 3: Using layers and spacers</i></p> <p><i>Lesson 4: Writing and illustrating</i></p> <p><i>(Prior learning:</i></p>	ART	<p>DT Food: What could be Healthier?</p> <p><i>Lesson 1: From food to fork</i></p> <p><i>Lesson 2: What does healthy look like?</i></p> <p><i>Lesson 3: Adapting and improving a recipe</i></p> <p><i>Lesson 4: Mamma Mia! What a tasty, healthy bolognese!</i></p> <p><i>(Prior learning: Food -</i></p>	ART	<p>DT Digital Word: Monitoring Devices</p> <p><i>Lesson 1: Monitoring devices</i></p> <p><i>Lesson 2: Programming an animal monitor</i></p> <p><i>Lesson 3: Plastic</i></p> <p><i>Lesson 4: 3D CAD skills</i></p>

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		<i>Mechanisms - Making a Moving Monster Yr2)</i>		<i>Easting Seasonally Yr3)</i>		
Year 6	ART	<p>DT Digital World: Navigating the World</p> <p><i>Lesson 1: Navigating the world</i></p> <p><i>Lesson 2: Programming a navigation tool</i></p> <p><i>Lesson 3: Product concept</i></p> <p><i>Lesson 4: 3D CAD models</i></p> <p><i>Lesson 5: Product pitch</i></p> <p><i>(Prior learning: Digital Word - Monitoring Devices Yr5)</i></p>	<p>DT Textiles: Waistcoats</p> <p><i>Lesson 1: Waistcoat design</i></p> <p><i>Lesson 2: Preparing fabric</i></p> <p><i>Lesson 3: Assembling my waistcoat</i></p> <p><i>Lesson 4: Decorating my waistcoat</i></p> <p><i>(Prior learning: Textiles - Fastenings Yr4)</i></p>	ART	<p>DT Structures: Playgrounds</p> <p><i>Lesson 1: Design a new playground</i></p> <p><i>Lesson 2: Building structures</i></p> <p><i>Lesson 3: Perfecting structures</i></p> <p><i>Lesson 4: Playground landscapes</i></p> <p><i>(Prior learning: Structures - Pavilions Yr4)</i></p>	ART