



Design and Technology Long term planning (LTP)

Design and Technology LTP for 2025-2026 – Updated January 2026

Subject lead Pippa Gillett

Key Stage	Pathway Class Group	Cycle Rotation	Unit/Block 1 (Autumn 1)	Autumn 2	Unit/Block 2 (Spring 1)	Spring 2	Unit/Block 2 (Summer 1)	Summer 2
<p>Key Stage 2 (This is rotation A – of a 4 yearly rotation)</p> <p>Based on KS1 & KS2 National Curriculum</p>	<p>Green Pathway Key stage 2</p>	<p>3 Units/blocks per year Year A</p>	<p>Plush toy: Students will design, make and evaluate different plush (fabric) toys. Students will engage in hands on basic sewing skills focusing on dexterity, through assisted running stitch.</p>		<p>Intro to Woodwork: Students will make, design and evaluate a wooden ornament through this introduction to woodwork unit, gaining hand on sensory experiences with wood.</p>		<p>Jewellery: Students will design, make and evaluate jewellery. Students will build dexterity skills through threading and weaving.</p> <p>Optional: jewellery linked to theme/culture/story and recyclable materials.</p>	



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and ILP fine motor skills development	Red Pathway Key Stage 2	3 Units/blocks per year Year A	Plush toy: Students will design, make and evaluate different plush (fabric) toys. Students will engage in hands on basic sewing skills focusing on dexterity, through assisted running stitch.		Intro to Woodwork: Students will make, design and evaluate a wooden ornament through this introduction to woodwork unit, gaining hand on sensory experiences with wood. Technical Knowledge: Sanding, nail/hammer (accessible alternative)		Jewellery: Students will design, make and evaluate jewellery. Students will build dexterity skills through threading and weaving. Optional: jewellery linked to theme/culture/story and recyclable materials.	
	Year 7/8 Green Pathway	2 units/blocks per year rotation with two	Picture Frames: Students will design, make and evaluate a picture frame using wood. Students			LED fabric keyring: Students will design, make and evaluate an electronic LED		



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Key Stage 3 Based on KS2 & KS3 National curriculum and ILP fine motor skills development		other subjects	will gain an understanding of basic woodworking techniques in measuring, cutting and joining, with adult support.			keyring. Students will have firsthand experience of a basic electronic circuit and build on textile skills. Technical Knowledge Optional challenge: Incorporate a relevant sound electronic system, fabric embellishments.		
Key Stage 3 Based on KS2 & KS3 National curriculum	Year 7/8 Red pathway	2 units/blocks per year rotation with two other subjects	Picture Frames: Students will design, make and evaluate a picture frame using wood. Students will gain an understanding of basic woodworking			LED fabric keyring: Students will design, make and evaluate an electronic LED keyring. Students will have firsthand experience of a basic electronic		



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and ILP fine motor skills development			techniques in measuring, cutting and joining.			<p>circuit and build on textile skills.</p> <p>Technical Knowledge Optional challenge: Incorporate a relevant sound electronic system, fabric embellishments.</p>		
<p>Key Stage 3</p> <p>Based on KS2 & KS3 National curriculum and ILP fine motor skills development</p>	PAT/Thurston	2 units/blocks per year rotation with two other subjects	<p>Picture Frames: Students will design, make and evaluate a picture frame using wood. Students will gain an understanding of basic woodworking techniques in measuring, cutting and joining.</p>			<p>LED fabric keyring: Students will design, make and evaluate an electronic LED keyring. Students will have firsthand experience of a basic electronic circuit and build on textile skills.</p> <p>Technical Knowledge</p>		



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						Optional challenge: Incorporate a relevant sound electronic system, fabric embellishments.		
	Year 9 Green Pathway	2 units/blocks per year rotation with two other subjects	Memphis Clock: Design, Make and Evaluate a functioning electronic clock. Optional Pop Art (Simplified design brief circles and stripes)			Personalised Cushion: Design, Make and Evaluate a cushion cover developing key textile skills (hand sewing)		
	Year 9 Red pathway	2 units/blocks per year rotation with two other subjects	Memphis Clock: Design with CAD, Make and Evaluate a functioning electronic clock			Personalised Cushion: Design, Make and Evaluate a cushion cover developing key textile skills (applique, quilting & hand sewing)		



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Aspire AQA Unit Awards	Aspire	1 Practical lesson per week	AQA 121496 Designing and Making a bird box reflecting an established design style		AQA 121888 Designing and building cardboard shoes		AQA (Y1) 114706 Constructing and Coding a basic robot	
	Year 2 Cycle	1 Practical lesson per week	AQA 120569 Making a hedgehog house		AQA 111811 Making a polymer Clay Jewelry broach		AQA 116589 Making garden furniture from a pallet	