

<u>Design and Technology LTP for 2024-2025 – Updated September 2024</u>

Subject lead Pippa Gillett

Key Stage	Pathway Class Group	Cycle Rotation	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Green	½ termly	Puppetry:		Moving parts		Bookmarks:	
	Pathway	rotation	Design, Make and		(paper):		Make, Design and	
	Key stage	with	Evaluate different		Make, Design and		Evaluate different	
	2	another	puppet toys.		Evaluate different		textile bookmarks.	
		subject			mechanisms for			
Key Stage 2					'interactive story			
(This is					books'.			
rotation A -								
of a 4 yearly					Mechanisms:			
rotation)					levers, slides,			
					wheels, axels			
	Red	½ termly	Puppetry:		Moving Parts		Bookmarks:	
Based on	Pathway	rotation	Design, Make and		(card):		Design, Make and	
KS1 & KS2	Key Stage	with	Evaluate different		Design, Make and		Evaluate different	
National	2	another	puppet toys for		Evaluate different		textile bookmarks	
Curriculum		subject	story telling.		mechanisms for		incorporating an	
and ILP fine					'interactive story		electrical system	
motor skills			Technical		books'.		(light/music push	
development			Knowledge				buttons).	
			Optional stretch					
			and challenge:		Mechanisms:			
			incorporate an		Gears, pulleys,			
			electrical system		cams, levers,			
					linkages			



Key Stage	Pathway Class Group	Cycle Rotation	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Year 7/8	½ termly	Textile pouch:			Pneumatic		
	Green	rotation	Design, Make and			Monster:		
	Pathway	with two	Evaluate a textile			Design, Make and		
		other	pouch with basic			Evaluate different		
		subjects	function			pneumatic		
						functions.		
Key Stage 3								
Based on								
KS2 & KS3	Year 7/8	½ termly	Textile pouch:			Pneumatic		
National	Red	rotation	Design, Make			Monster:		
curriculum	pathway	with two	and Evaluate a			Design, Make and		
and ILP fine	pathway	other	textile pouch with			Evaluate different		
motor skills		subjects	good function and			pneumatic		
development			additional feature			functions to be		
			(button, pocket,			used in toys.		
			zip)					
						Technical		
						Knowledge		
						Optional		
						challenge:		
						Incorporate a		
						relevant sound		
						electronic system		



Key	Pathway Class Group	Cycle Rotation	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	PAT/ Thurston	1/2 termly rotation with two	Textile pouch: Design, Make and Evaluate a textile			Pneumatic Monster: Design, Make and		
Key Stage 3		other subjects	pouch with good function and			Evaluate different pneumatic		
Based on		-	additional feature (button, pocket,			functions to be used in toys.		
KS2 & KS3 National			zip)			Technical		
curriculum and ILP fine motor skills						Knowledge Optional challenge:		
development						Incorporate an appropriate		
						electronic sound system		



Key Stage	Pathway Class Group	Cycle Rotation	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Stage 3 Based on KS2 & KS3 National curriculum and ILP fine motor skills development	Year 9 Green Pathway	½ termly 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	½ termly 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)		



Key Stage	Pathway Class Group	Cycle Rotation	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Aspire		AQA 121496		AQA 121888		AQA (Y1) 114706	
Aspire		1 Practical lesson per week	Designing and Mak reflecting an establ	-	Designing and build shoes	ing cardboard	Constructing and Cod	ling a basic robot
AQA Unit Awards								
	Year 2		AQA 120569		AQA 111811		AQA 116589	
	Cycle	1 Practical lesson per week	Making a hedgehog	g house	Making a polymer C	Clay Jewelry broach	Making garden furnit	ure from a pallet