Design Technology Curriculum map 2026-2027

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Introduction to DT Core DT Textiles Applique bag	Applique Bag Core skills: Health and safety, specialist machinery, Decorative techniques and construction skills Artist/designer focus: Mary quant and Yinki Illori	Introduction to DT core Timbers Spatula	Spatula Core skills: Health and safety Workshop machinery and basic tools and equipment. Manufacturing techniques Design and make task	Design communication Core skills: Freehand drawing, isometric and rendering	Design communication Computer aided design(CAD) with Tinkercad
Links	Individual liberty: Design choices	FBV 4: Feedback and collaborative work FBV 4: Research and inspiration tasks considering the needs of users.	Individual liberty: Design choices	FBV 4: Feedback and collaborative work	Individual liberty: Design choices	Individual liberty: Design choices
8	DT Textiles Pencil case	DT Textiles Pencil case Core skills: Decorative techniques, construction skills. Synthetic and natural materials Artist/designer focus: Lucienne Day	DT timbers Pull along toy	DT timbers Pull along toy Core skills: Workshop specialist machinery	Paper and board project 3d modelling with Microbit.	Samsung design thinking
Links	Rule of law: Safety in the workshops		Rule of law: Safety in the workshops	Rule of law: Safety in the workshops Tolerance of different faiths and beliefs: Research and inspiration tasks considering the needs of users. Individual liberty: Design choices		
9	DT Textiles NEA buddy	DT Textiles NEA buddy Core skills: Working to a specification and contextual challenge. Construction skills.	DT NEA Electronics	DT NEA Electronics Core skills: Specialist machinery with different material areas. Working to a brief and	Polymorph project- Alessi	Samsung design thinking

		Synthetic and natural materials Artist/designer focus: Biomimicry		specification		
Links	Rule of law: Safety in the workshops Tolerance of different faiths and beliefs: Research and inspiration tasks considering the needs of users. Individual liberty: Design choices	Individual liberty: Design choices	Rule of law: Safety in the workshops	Rule of law: Safety in the workshops Tolerance of different faiths and beliefs: Research and inspiration tasks considering the needs of users. Individual liberty: Design choices	Rule of law: Safety in the workshops	
10 Textiles	Introduction to NEA requirements New and emerging technologies Mini NEA: Batik elephant	Introduction to NEA requirements New and emerging technologies Mini NEA: PJ project	Metals and smart materials. Energy resources, scales of production Focused practical task for CORE	Textiles NEA unit Workshop skills with decorative techniques, construction and core theory textiles	Textiles NEA unit Workshop skills with decorative techniques, construction and core theory textiles	Introduction to the contextual challenges for year 11 NEA coursework: Initial research into the chosen theme. Design ideas
Links	Democracy: Nea Research and user feedback Rule of law: Workshop practice and technical theory referring to industry Individual liberty: Project choices Mutual respect: Group work, sharing of ideas and feedback Tolerance of different faiths and beliefs: Specification and user centred design Research and inspiration tasks considering the needs of users.					

10 Timbers	Introduction to NEA requirements New and emerging technologies Mini NEA: Toolkit/storage box	Mini NEA Toolkit/storage box	Metals and smart materials. Energy resources, scales of production Focused practical task for CORE key holder	Timbers NEA Unit Workshop skills (Storage box/animal shelter)	Timbers NEA unit	Introduction to the contextual challenges for year 11 NEA coursework: Initial research into the chosen theme. Design ideas
Links	Democracy: Nea Research and user feedback Rule of law: Workshop practice and technical theory referring to industry Individual liberty: Project choices Mutual respect: Group work, sharing of ideas and feedback Tolerance of different faiths and beliefs: Specification and user centered design Research and inspiration tasks considering the needs of users.					
11	NEA – Design ideas / responding to the contextual challenge Core theory	NEA – Design process and communication Modelling and CAD NEA deadline for investigation and design ideas Core theory	NEA – Prototyping Making Core theory	NEA – Evaluation and testing NEA FINAL DEADLINE Core theory	Exam preparation and revision – core theory and specific content (timbers and textiles) Core theory	
Links	Democracy: Nea Research and user feedback Rule of law: Workshop practice and technical theory referring to industry Individual liberty: Project choices Mutual respect: Group work, sharing of ideas					

	and feedback Tolerance of different faiths and beliefs: Specification and user centered design Research and inspiration tasks considering the needs of users.					