

D&T Textiles Curriculum Map



Year		AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
7	Knowledge and Skills	<u>Bag for life – Sustainability project</u> Knowledge: Sustainable materials, Lifecycle of a product, Analysing the work of other designers (Art Deco), Design strategies. Market research Skills: Setting up, threading up and controlling sewing machines.	<u>Bag for life – Sustainability project continued</u> Knowledge: Scale prototypes, Manufacturing specifications, Computer Aided design, Design strategies. Skills: Marking out, reverse stitch, sewing seams, Sublimation printing	Alternative DT subject on rotation Textiles – Food - Product Design		Alternative DT subject on rotation Textiles – Food - Product Design	
	Assessment	Verbal and formative feedback. Planned teacher feedback: Art Deco designer investigation H/W or using Art Deco in their border designs	Mini prototype bag evaluation. Written test with whole class feedback on notes and sketches Q.				
8	Knowledge and Skills	<u>Materials, clothes and fashion - Tie dye shorts/skirt project</u> Knowledge: Function of textiles component – elastic. Designing for a client – wants and needs. Pollution and Global warming. Organic, Anthropometrics. Researching and designing for a special event. Influence of culture and society. ICT presentations Skills: Sewing machine skills recap. Applying finish to fabric - Tie dye, Shearing, open seam, pressing, double folded hem, elastic casing. Using templates	<u>Materials, clothes and fashion - Tie dye shorts/skirt project continued</u> Knowledge: Design strategies. Sources of fibres and material construction (weaving). Properties of materials, Ethical factors including forced labour/Fairtrade. Fashion history, subcultures, spinning yarns Skills: 3D modelling on the mannequins, weaving, 3D making (shorts/skirt)	Alternative DT subject on rotation Textiles – Food - Product Design		Alternative DT subject on rotation Textiles – Food - Product Design	
	Assessment	Verbal and formative feedback on practice samples. Self-evaluation and assessment of samples.	Practical assessment: Correct processes, Safety, Accuracy & Independence. Written test				
9	Knowledge and Skills	<u>Responsible design - 3D Zipped container</u> Knowledge: Analysing contexts, Grainlines, calculating area and waste material. Recap source and properties of cotton, using Anthropometric data, Product analysis, client interviews, Design briefs, specifications. Isometric drawing – design communication, Recap ethical and ecological considerations. Skills: Sewing machine skills recap. Seams recap, Safe use of fabric shears. 2D-3D visualisation. Drafting paper patterns using measuring and marking production aids,	<u>Responsible design - 3D Zipped container continued</u> Knowledge: Responsible design – 6R's, recap Reduce, Reuse, Recycle. New – Repair, Rethink, Refuse, CAD/CAM, nesting and tessellation, product lifecycle, Impact of AI Skills: Applique, Digital embroidery, Repair – Buttons, darning, hems, patches. Pinning and cutting using paper patterns and reused material, inserting zip, sewing 3D products, linings,	Alternative DT subject on rotation Textiles – Food - Product Design		Alternative DT subject on rotation Textiles – Food - Product Design	
	Assessment	Verbal and formative feedback. Self-evaluation and assessment Isometric drawing	Practical assessment: Correct processes, Safety, Accuracy & Independence. Written test				

10	Knowledge and Skills	<u>Technical dressmaking project</u> Knowledge: Anthropometrics, Selection of materials and components, Material management, Standard material stock forms, types and sizes, Fibre properties Skills: Darts, zip, facings.	<u>Technical dressmaking project continued</u> Knowledge: Specialist tools and equipment, Risk assessment, Ecological and social footprint, Technical fabrics Skills: Seams, 3D modelling, Production techniques and systems	<u>Interior design project</u> Knowledge: Systems approach – electronics, Primary and secondary market research, Product analysis – Ergonomics and anthropometrics, Investigating the work of other designers & companies: William Morris, Zara, Primark Skills: Block printing, Collaborative design	<u>Interior design project continued</u> Knowledge: Design briefs, Testing and evaluating, Design strategies, 2D and 3D communication, Obsolescence, Iterative design process Skills: Sketching, Technical drawing	<u>Interior design project continued</u> Knowledge: Computer aided design, Manufacturing log and specification, Energy storage Skills: Realising design ideas	<u>Starting GCSE NEA (Non Exam Assessment)</u> Knowledge: Exploring three contexts set by the exam board, Choose context, Investigate context through client investigation and market research. Skills: Presentation and communication
	Assessment	Verbal and formative feedback. Self-evaluation and assessment	50% Practical assessment: Correct processes, Safety, Accuracy & Independence. 50% Written test	Verbal and formative feedback. Self-evaluation and assessment	Design creativity and communication	Practical assessment: Correct processes, Safety, Accuracy & Independence.	50% Assessed against GCSE NEA criteria 50% 2 hour written Mock exam
11	Knowledge and Skills	<u>NEA Section A – Investigation, Section B – Design brief and Specification and Section C – Generating design ideas</u> Client investigation Market research Moodboard Colourways Design Brief Specification Design strategies Note: most of the work in this half-term is getting section A of the NEA up to the highest standard as a quality basis for Section B, C, D, E and F.	<u>Continuation of NEA, Section C Generating Design ideas and Developing Design ideas.</u> Design strategies, Product analysis, 2D and 3D design communication, Environmental and social impact, Anthropometrics and ergonomics, 3D modelling, Decorative and structural samples	<u>Continuation of NEA Section D and start section E – Realising design ideas</u> 3D development, Testing and Evaluation, Toiles/3D models, Materials and component selection, Start realising (making) final design	<u>Continuation of NEA Section E and start Section F – Testing and evaluating.</u> 2D and 3D communication, Realising (making) Final design, 2D Communication, Manufacturing specification, Testing and evaluating. Retrieval practice	<u>Final checks for NEA</u> Final tweaks to NEA and send work to Moderator. Retrieval practice and exam preparation	<u>Final exam 18th June</u>
	Assessment	Verbal and formative feedback. Self-evaluation and assessment	50% NEA Sections A, B, C Mock exam 1??		50% NEA Sections A, B, C, D and E 50% Mock exam 2??	50% finished NEA	50% 2 hour written paper