

Subject	Year Group	Topic	Sequence
Design & Technology – Textiles Technology	7	Tote Bag for Life	Term 2

Prior Learning

- KS2 experience of designing and making products.
- Basic understanding of materials and their uses.
- Simple hand skills such as cutting, measuring and decorating.
- Experience of following instructions and evaluating products.

Next Learning

- GCSE Textiles/Product Design pathways
- Potential GCSE projects involving more advanced construction techniques.
- Increased confidence using sewing machines independently.
- More complex design development, pattern making and textile decoration techniques.

Learning Objectives (Chronological Order)	Duration	Homework	Specific Vocabulary
Understand expectations, safety and the role of textiles in everyday life. Identify natural fibres and where they come from.	1 lesson	Fibres Fill the Gap worksheet	Textile, fibre, cotton, linen, wool, silk, yarn, fabric
Identify textile tools and equipment and understand their uses. Carry out a textiles health and safety assessment.	1 lesson	Homework 1: Textiles Safety Poster	Hazard, risk, scissors, needle, thread, sewing machine, iron, tacking
Learn to safely use a sewing machine through a sewing machine “driving test”. Understand woven, knitted and bonded fabrics.	1 lesson	None	Woven, knitted, bonded, warp, weft, yarn, loops, loom, fray
Analyse existing bags and understand target markets, function and fitness for purpose. Write a design brief and specification.	1 lesson	Product Analysis worksheet	Product analysis, target market, client, design brief, specification, aesthetics

Generate and develop design ideas for a personalised tote bag pocket and appliqué decoration.	1 lesson	Homework 2: Final Design	Design ideas, annotation, appliqué, evaluation, final design
Understand tie-dye as a resist dyeing technique and prepare fabric using different tie-dye methods.	1 lesson	None	Tie dye, resist dyeing, absorb, fix, fabric dye, pattern
Create a paper pattern block, cut appliqué pieces and begin decorating the pocket.	1 lesson	None	Pattern block, template, felt, appliqué, cutting
Learn to iron, pin and tack safely and accurately. Construct the pocket and use hand embroidery/appliqué techniques.	2 lessons	None	Ironing, pinning, tacking, embroidery, appliqué
Attach the pocket to the tote bag using a sewing machine.	1 lesson	None	Straight stitch, zigzag stitch, pocket, seam
Produce a step-by-step production plan showing the manufacturing process.	1 lesson	Homework 3: Manufacturing Step-by-Step Guide	Production plan, sequence, manufacture, process
Construct top hems using ironing, pinning, tacking and machine sewing.	1 lesson	Complete production plan if required	Hem, fold, seam allowance, presser foot
Join bag sides using seams and understand right side/wrong side of fabrics.	1 lesson	None	Seam, right side, wrong side, fraying
Manufacture and attach handles securely using machine stitching.	2 lessons	None	Handle, reinforcement, straight stitch, diagonal stitch
Evaluate the completed tote bag against the specification and reflect on improvements.	1 lesson	Revision	Evaluation, specification, modification, improvement
Demonstrate understanding of fibres, fabrics, tools, safety and manufacture through an end-of-unit test.	1 lesson	Revision	Fibre, woven, knitted, bonded, appliqué, hem, seam

Overview of Learning Outcomes

Most students will:

- Use textiles equipment confidently and safely.
- Create and develop design ideas independently.
- Manufacture a tote bag with accurate hems, seams and appliqué decoration.
- Produce a clear production plan and evaluate against a specification.