



DESIGN TECHNOLOGY

CAREERS
 Investigating careers in DT.
 Revise and practice exam papers in preparation for your final exam in DT.

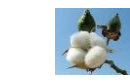
Materials:
 Investigating properties, uses and advantages of textiles, wood, metals and plastics.

Forces & Stresses:
 Testing by making a key ring including interfacing and laminating techniques.

Machine Introduction:
 Scrunchie/ bandanna.

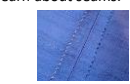
KS4
 Investigating companies already using waste materials in their products.

Client Profile:
 Investigating the storage context to consider potential clients.



Situations:
 Learn how to photograph and present work in its appropriate situation.

Make:
 Create a mini lavender filled cushion to develop machine skills and learn about seams.



Sewing Machine Practice:
 Create a range of samples to build skills when carrying out practical work.

FINAL GCSE EXAM

EXAM REVISION

NEA COURSEWORK

YEAR 11

Theory

Manufacturing

Skills

Mini NEA

GCSE NEA Contexts

YEAR 10

Research Investigating Skills

Garment Construction

Equipment Recap

YEAR 9

Storage Product

Sustainability

Research

Mini Make – Phone Case

Materials

YEAR 8

Design Strategy

Memphis Style Cushion

KS3

YEAR 7

Introduction to Equipment

Mini Make

Specialist Machinery:
 Learning about sewing machine safety, parts and how to thread up correctly.

Small Equipment:
 Looking at small specialist equipment and demonstrating to how to use skilfully and safely.

Baseline Assessment:
 Finding out what DT skills and knowledge are already known.

Introduction to the workshop:
 Focusing on health and safety in the workshop and looking at risk

AO3: Evaluate & Test:
 Gain feedback throughout your project, and test your final product – have you met your brief?

AO2: Realise Design ideas:
 Manufacture your product using skills and processes used throughout your DT journey.

AO2: Generate & Develop Design Ideas:
 Develop your sketches and communicate ideas. Developing them using modelling techniques

AO1: Research & Investigation
 Follow on from your summer task to further understand the context. Client interviews, product, site analysis and designer research.

AO1: Specification & Brief:
 Clarify the needs and wants of the project writing your own brief & specification

Initial Sketches:
 What ideas do you have already? Can you visualize them?

Investigate the design possibilities:
 What is the design context? Analysing the detail and potential problems and clients.

Sustainability:
 Looking at environmental factors in the fashion/textile industry.

Manufacture:
 Team work to upcycle an existing garment.

Specialist Equipment:
 Build sewing machine skills for KS4 preparation, threading and samples and refresh skills using small equipment.

Health and Safety:
 Confirming knowledge of health and safety in the workshop in year 8.

YEAR 9 – Garment construction working in a batch production system with a focus on blended fibres / knits. Using a commercial pattern to create sweatshirt/hoodie with drawstring / pockets inspired by own research. Preparation for GCSE NEA.

Investigating a storage solution context whilst exploring synthetic materials/non-woven textiles and the environmental impact of the textile industry. Developing new products made from waste materials.

An in-depth introduction to equipment and machinery. To build knowledge on materials, with a particular focus on natural fibres and woven construction. Skills and knowledge are built through designing and making a cushion for personal use inspired by a particular focus on Memphis design.

