

Materials:

of textiles.

a key ring

including

interfacing and laminating

techniques

BEIGN TECHNOLO

Test:

Gain feedback

throughout your

project, and test

your final product -

Develop Design Ideas Develop your sketches



AO1:Research & investigation Follow on from your summer task to

further understand the context. Client interviews, product, site analysis and

designer research.

Core content and specialist knowledge

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



EXAM

REVISION





AO2: Realise



and communicate

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

NEA

COURSEWORK



Initial Concept

Sketches:

What ideas do

you have

already? Can

you visualize

them?

problems and

clients.

FINAL Investigating properties, GCSE uses and **EXAM** advantages

wood, plastics. Forces & Stresses: Looking at how to Testing by making construct products

SMARTS: nvestigating electronics and the functions of SMART and modern textiles.

Manufacturing

Prototype: Sampling and Testing pattern modeling to by creating a improve toile product. Iterative Research: Investigating iconic process. designers with a focus

The Work of

Others:

Development: Manufacture: Use developed block pattern to create final

Skills

Sampling: Creating a range of surface design and manipulation samples, Quilting, printing embroidery, batik, ruffles and pleats.

Research: designers with a focus on Vivienne

Mini

NEA

Investigating iconic
Sustainability: Westwood industry

Manufacture: Looking at Team work to environmental upcycle an factors in the fashion/textile existing garment.

Investigate the design possibilities: What is the design context? Analysing the **GCSE NEA** detail and potential

Theory

Evaluate: Testing garment with client and against specification. KS3 projects Suggesting how to improve it.

using a range of

techniques.

Make: Building on skills from

Surface Pattern: A focus on screen printing and machine Analysing the embroidery

of iconic and relevant Specification: designers Write a detailed and justified list of specification points.

Surface Pattern:

Storage

Product

on Mary Quant

Research:

Investigating fabric construction makes a good mood board. investigate retail and build a shop

Investigating

Skills

Research

Prototype:

Creating a toile of a garment using existing work with a focus on knitted. Know what a commercial pattern. Developing understanding of anthropometrics skills for KS4 preparation, and pattern cutting.

Garment

Construction

Specialist Equipment: threading and samples and refresh skills using

Contexts

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

Machine Introduction Scrunchie/

[[\$2]]

Work of Others: Investigating companies

already using waste materials in their **Client Profile:** products Investigating the storage context to

consider potential clients

Fastenings: Sampling a range of

Working on improving fastenings to make a storage product aesthetics by fusing polymers more functional. and carrying out a range of decorative stitches

Design: Make: Design and develop Independently own storage make own product inspired by st orage product independent from waste research. materials

Evaluate: Evaluating developed skills? Testing product and suggesting how to improve it.

Investigate E extiles, Smart materials to improve unctionality

9

Extension:

Equipment Recap

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.

YEAR 9 – Garment

Research

Make: Using waste material to make a phone case. Building on practical skills.

Woven / Non - Woven: The properties of woven and non-woven fabrics and their uses

Polymers: Exploring the different properties of polymers and their uses.

Key Words: Investigating key vocabulary linked to project in context.

Sustainability: Looking at waste materials and its impac on the planet

Mini Make -Phone Case

Materials

Sustainability



Situations: Learn hoe to photograph and

appropriate situation.

Material Origins: To understand the sources of different fibres. With a focus on Wool/silk/cotton. Investigating the different types of construction

The Work of Others:

Design

Strategy

Analysing existing design movements with a focus on Memphis design

How to improve

Surface Pattern: aesthetics using block printing, heat transfer, sublimation printing, stencilling and fabric

pens.

Design: Create a range of annotated design ideas, incorporating surface pattern in Memphis style. Prototypes:

Style

Cushion

Introduction

to Equipment

Trial ideas in Memphis

Make: Gather peer Create large scale cushion in a Memphis

feedback and suggest style using hand techniques and redesign ideas CAD/CAM through sublimation prints.

Evaluate:

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

Make: Create a mini

lavender filled cushion to develop machine skills and learn about seams.



Sewing Machine Practice:

Mini

Make

Create a range of samples to build skills when carrying out practical work.

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



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 persona use inspired by the work of others with a particular focus on Memphis design.

An in-depth