

Year 7 Nature inspired pencil case

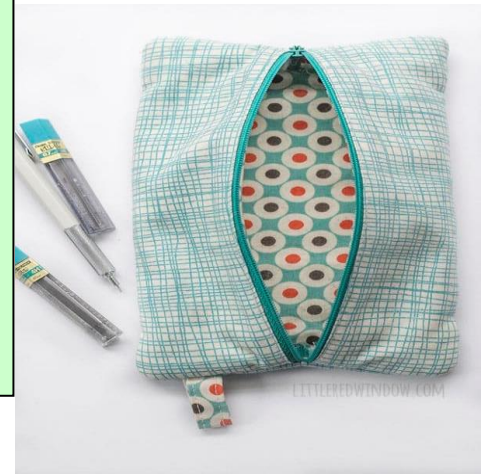
Knowledge Organiser

By the end of this project you will:

- ✓ Learn how to be safe in the DT Textiles room.
- ✓ Design a pencil case inspired by nature, using an **inspiration board**.
- ✓ Develop ideas using a variety of fabric colouring techniques.
- ✓ Create a pencil case with an **end user** in mind.
- ✓ Understand the process of **sublimation printing**.

Practical skills you will use:

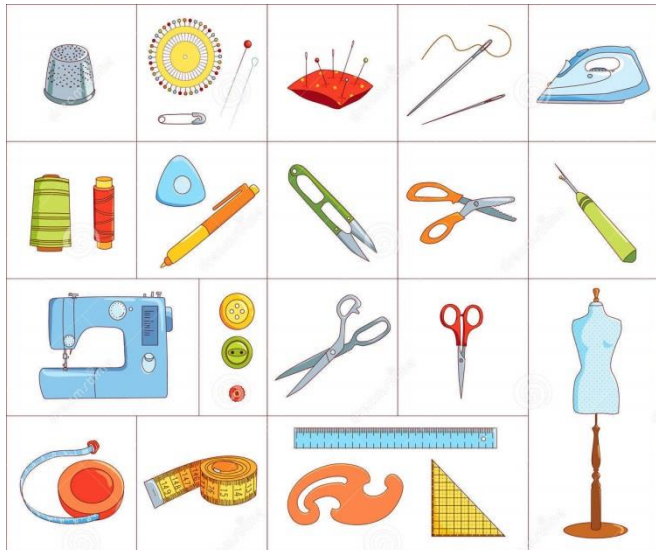
- ✓ Pin, **tack** and sew a **poly-cotton** pencil case.
- ✓ Insert a zip.
- ✓ Use a sewing machine safely and effectively.
- ✓ Draw and measure a paper template.
- ✓ Create a paper design understanding that lettering must be in reverse for printing.
- ✓ Use the tools and equipment safely and effectively.



Key Vocabulary

Inspiration board	A collage of various images, photographs, drawings, fabric, and textures used to visualise a theme and inspire designing.
Sublimation printing	A method of printing which transfers the design onto fabric.
End User	The person who will use the product.
Heat Press	A machine that transfers images using heat.
Stitches	A loop of thread resulting in a single movement of the needle in sewing.
Poly-cotton	A combination of polyester and cotton fibres.
Tack	A temporary hand stitch to hold together fabric in preparation for the sewing machine.



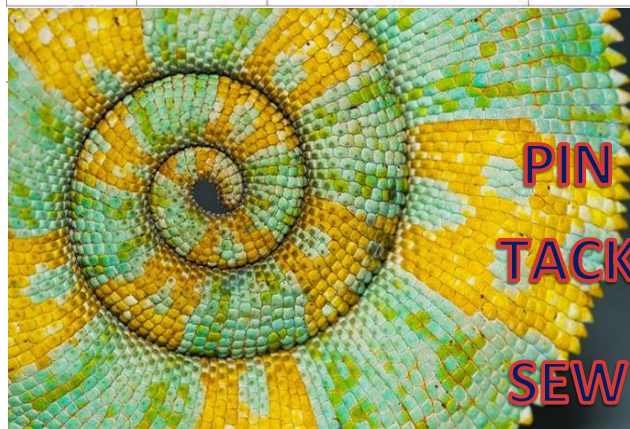


Can you list the equipment you will need?



Introduction
 This Textiles unit will teach your class about how to write their own customer Profile. They will design products with the user in mind thinking about aesthetics and function.

Annotated designs will be used to communicate ideas as well as step by step plans. Students will learn how to make fabric and experiment with a variety of fabric decoration techniques. Students will sew a pencil case with a zip, using their own fabric that they have created. Finally students will learn how to write a detailed evaluation.



Keywords:

- Heat Press
- Natural
- Decoration
- Tacking
- Fabric Transfer Paints
- Sublimation Printing
- Scissors
- Reverse
- Product Analysis
- Colour
- Structure
- Decorations
- Poly-cotton
- Zip
- Stitch
- Thread
- Design
- Template
- Measuring
- Fit for Purpose
- Needle
- Fastening

