

**Subject:** Design and Technology    **Topic:** Textiles – a pencil case    **Year Group:** 5

**Prior Learning:** In Year 4 I drew my own pattern as a template to draw around and cut a range of fabrics. I joined fabrics using over sewing, back stitch and blanket stitch. I threaded a needle with a small eye with confidence. I added applique decorations using over sewing and running stitch. I made a purse.

**What I will know/be able to do by the end of the unit:**

I will be able to decide on pattern layout and cut using a range of fabrics.

I will demonstrate an awareness of seam allowance.

I will join buttons and loops using over sewing and back stitch.

I will select the needle to match the thread.

I will add applique decorations, beads and sequins using over sewing and back stitch.

**Design Brief:** To design and make a pencil case.

**Functional Considerations:** Must fit in drawer/on table at school. Must fit specified equipment.

**Aesthetic Considerations:** Must be appealing to the user.



**Design:**

design purposeful, functional, appealing products for themselves and other users based on design criteria generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology

**Make:**

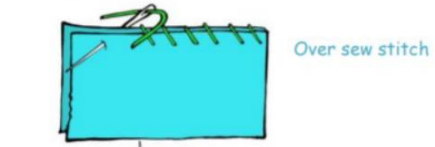
select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]

select from and use a wide range of materials and components, including construction materials, **textiles** and ingredients, according to their characteristics

**Evaluate:**

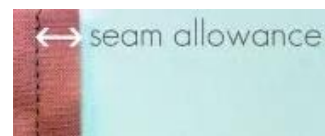
explore and evaluate a range of existing products evaluate their ideas and products against design criteria

[Running stitch and back stitch](#)



[Over stitch](#)

[Seam allowance](#)



[How to thread a needle](#)

**Vocabulary:**

**Template:** A shape drawn to exact shape and size to assist in cutting out.

**Applique:** To attach a decorative fabric item onto another piece of fabric by gluing and/or sewing.

**Pattern layout:** The placement of pattern on the fabric.

**Seam allowance:** The area between the fabric edge and the stitching line on two or more pieces of material being sewn together.

**Aesthetic:** The look of the product.

**Eye of a needle:** The narrow opening at one end of the needle to place thread through.