

Key Question: Can that outfit be reused?

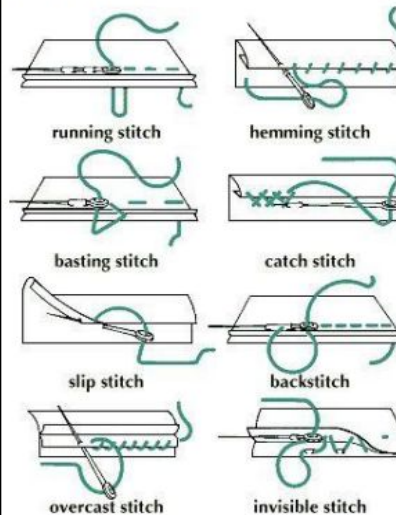
Explore repurposing an item of clothing no longer used (Textiles)

Vocabulary

Needle	A thin metal object in which thread or cotton is used to sew.
Pin	A thin metal sharp object used to secure objects in place when sewing.
Stitch	A single turn or loop made by the needle and thread.
Cotton/thread	A thin material used to sew.
Thread the needle	When the material is put through the eye of the needle ready to sew
Eye	Part of the needle where there is an opening for the cotton.



Different stitches:



In this topic, **we are learning to:**

- **Explore** different techniques for joining materials.
- **Generate** different designs and evaluate their practicalities,
- **Decide** upon a final idea and include detailed plans of how to make it.
- **Create** a final product using appropriate techniques.
- **Evaluate** our final products deciding upon successes and area for improvement.

Skills required:

- Sew
- Cut
- Measure

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Assessment Focus:

Explore:

- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose.
- Know how much products cost to make, how sustainable and innovative they are and the impact products have beyond their intended purpose.
- Evaluate the key designs of individuals in design and technology has helped shape the world.

Generate:

- Generate, develop, model and communicate our ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces.
- Confidently select appropriate tools, materials, components and techniques and use them.

Decide:

- Draw up a specification for our design- link with Mathematics and Science.
- Plan the order of our work, choosing appropriate materials, tools and techniques.
- Aim to make and to achieve a quality product

Create:

- Accurately apply a range of finishing techniques, including those from art and design
- Suggest alternative methods of making if the first attempts fail.
- Identify the strengths and areas for development in our ideas and products.
- Use tools safely and accurately.
- With confidence pin, sew and stitch materials together to create a product.
- Demonstrate when to make modifications as we go along.
- Construct products using permanent joining techniques.
- Use finishing techniques to strengthen and improve the appearance of their product using a range of equipment including ICT.

Evaluate:

- Evaluate our products, identifying strengths and areas for development, and carrying out appropriate tests.
- Evaluate our work both during and at the end of the assignment.
- Record our evaluations using drawings with labels.
- Evaluate against our original criteria and suggest ways that our product could be improved.