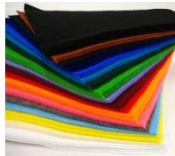


Plain Weave

This is the simplest weave, the weft yarn passes over and under alternate warp yarns.

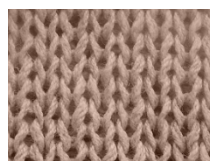
Advantages

- It's hard wearing
- It's strong
- It has a smooth finish (making it good to print)
- It is a cheapest weave to produce



Bonded/felted fabrics

Bonded fabrics are made from webs of fibres bonded together with heat or adhesives.

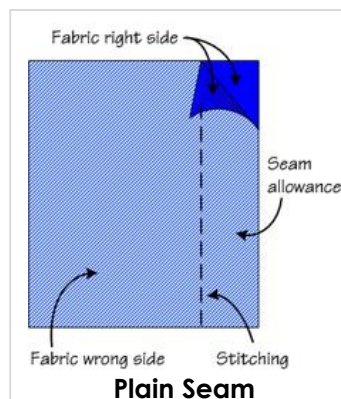


Knitted fabric

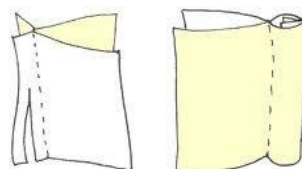
Knitted fabric is made by looping together long lengths of yarn. It can be made by hand or machine.



Year 8 Textiles Knowledge Organiser



Plain Seam



Step 1: Sew wrong sides together and trim seam allowance. Step 2: Turn so right sides are facing and stitch close to the seam.

French Seam

Overlocked Seam

A

Aesthetics

What does the product look like; theme, colour, texture, shape the appearance

C

Cost

Does the product look expensive to make? Look closely at the fabric choice

C

Client

Who is the product aimed at? Explain. What makes you think this?

E

Environment

Think the 6Rs? Have they been applied? Where will the product be used?

S

Safety

Is the product safe to use? Explain. What about making it?

S

Size

Measure the product. Is it a good size? Is it comfortable to hold?

F

Function

What is the main purpose. What other functions can it do?

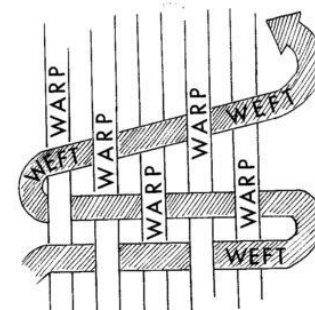
M

Materials

Try to name the material used. Look at the different components. Has it been recycled?

Key words:

- Target market
- Applique
- Natural fibres
- Synthetic fibres
- Aesthetics
- Quality control
- Seams
- Inspiration
- The 6 Rs
- Decorative techniques



Textile & Clothing Industry

By the number

2nd 17-20%

Largest polluting industry

20,000

liters of water for

1 kg cotton



Global water polluter



21 10%

Billion

Tons of garbage per year

Global carbon emission



NATURAL vs SYNTHETIC FABRICS

Cotton, wool, silk, and linen.

Made from natural elements such as plants and animals.

Perform better than their synthetic counterparts.

Nylon, spandex, rayon, and polyester.

Do not breathe as well as their natural fabrics.

Often blended with cotton.