

Brain In Gear



Can you list 3 pieces of textiles equipment needed for sewing?

What is embroidery?

Embroidery is the textile specific term given to stitching and can be done by hand or machine. Embroidery is an art of decorating fabrics with stitched designs.



Cotton is a soft _____ that grows from the _____ of the cotton _____. (Fibre is long and thin, like _____). After the cotton fibre is gathered from the plant, it can be made into thread. The cotton thread can then be made into _____, such as denim and calico. The fabric can be used to make clothes for people and many other things. Cotton _____ is very nice to wear, especially in hot weather, and is easy to move around in.

COTTON KEYWORDS

CLOTHING, SEEDS, PLANT, FIBRE, FABRIC, HAIR

Weaving/Knitting

Yarn

Fabric

Fibre

Spinning

Fibres and fabrics

From fibres to fabrics

All textiles products are made from **fabrics**.

Fabrics are made from **fibres**. If you look closely at your clothes you can see these individual strands.

This diagram shows the basic process by which fibres are made into fabrics:



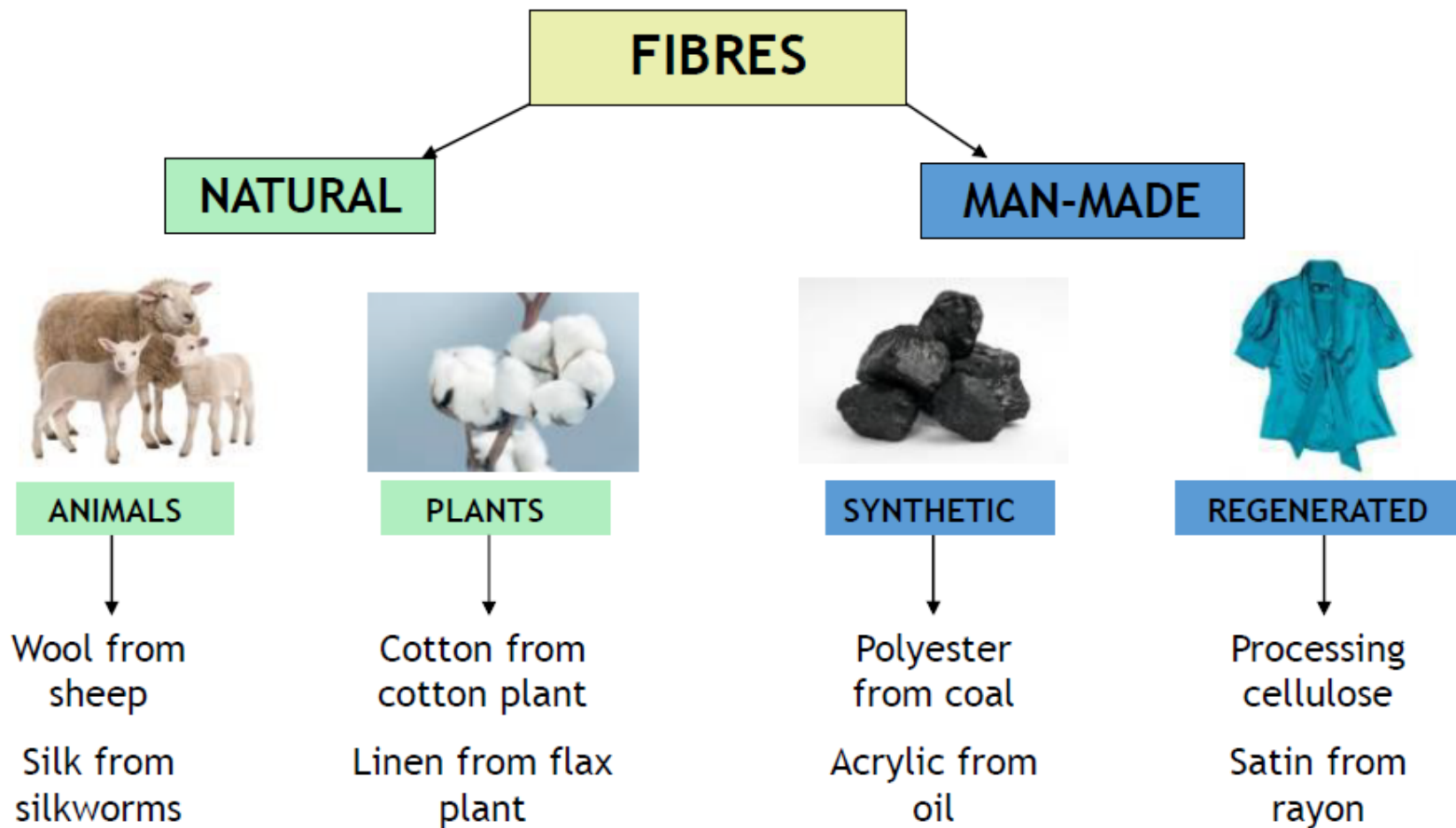
Source of fibre:
sheep/
silkworm/oil

Fibre spun into
yarns and put into
rolls

Yarns
woven/knitted
into fabrics

Finish may be
applied to fabric

Fibres and fabrics continued...



Natural Fibres and Fabrics



Plant fibres:
Cotton

Cotton grows in hot climates, on bushes. The seeds of the bush ripen, and split open to reveal fluffy white cotton.

Like linen, cotton is strong and cool to wear, but not very crease resistant.

Products made from cotton include jeans, blouses, T-shirts, sheets and towels.



Animal fibres:
Wool

Goats, alpacas, camels and even rabbits can all be sheared for **wool**.

The main property of wool is that it is very warm. However, it can shrink when washed and it is not as durable as other natural fabrics like cotton and silk.

Products made from wool include warm clothing (e.g. jumpers and coats), suits, blankets and furniture upholstery.

TASK

Research the natural fibre Cotton and create a fact file of all the information you have found out.



**Plant fibres:
Cotton**

Cotton grows in hot climates, on bushes. The seeds of the bush ripen, and split open to reveal fluffy white cotton.

Like linen, cotton is strong and cool to wear, but not very crease resistant.

Products made from cotton include jeans, blouses, T-shirts, sheets and towels.