

Fashion and Textiles

Learning Objective:

To investigate and analyse items made using textiles: the materials used and how they are made.





These clothes are made from cotton.
Lots of clothes are made from cotton.

Do you know what cotton is?
How is it turned into cloth to
make clothes?



This is cotton.

It is grown in countries with warm climates, such as the USA, Brazil, India and China.



The cotton lint is harvested by machine and made into bales, ready to be spun.





The bales of cotton lint are taken to a cotton mill, where they are drawn and twisted by machine to make yarn. The yarn is often dyed different colours before it is wound onto bobbins, ready for weaving.





The bobbins of yarn are woven to make fabric by a machine called a loom. These computer-controlled machines can make lots of different patterns in the fabric.

Modern machines can weave hundreds of metres of cloth every minute!



Cotton lint can be woven with synthetic, man-made fibres. These can help make fabrics lighter, stronger or stretchier.

Products which are woven are called textiles. They are made from synthetic, plant or animal fibres.

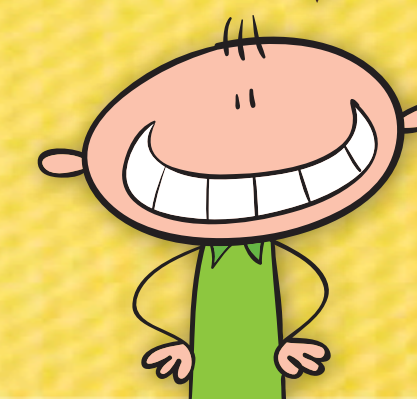




Different textiles have different properties.

What are the properties of the textiles used in these items of clothing?

It might help you to think about when and why they are worn!



This swimming costume is made from material that is stretchy and tight-fitting, so that the swimmer can move easily, and the swimming costume does not drag in the water.

These clothes are made from materials which are light, breathable and soft. They are comfortable to wear, and don't get too hot.



These clothes are made from materials which are warm, windproof and waterproof. Lots of synthetic fibres are used in clothes like these.

These clothes are made from materials which are comfortable, hard-wearing and smart. Suits need to look good and last a long time.



Hats, clothes, bags and many other products are made by joining together pieces of fabric.

How are they joined? What equipment might be used?





Most products made using textiles are joined by sewing. Sewing machines are normally used, although some products are sewn by hand.



Textiles may also be joined by gluing, riveting or with fasteners such as zips or laces.



Today we will
be looking closely at
the materials clothes
and other items are
made from...



...identifying their
properties and working
out how they are
made.



PLENARY

Lots of the clothes sold in the United Kingdom are made in



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What do you think about this?

countries such as Bangladesh, Cambodia and Sri Lanka.

Garment factory workers in Bangladesh work for twelve hours a day, six and a half days a week, earning less than £100 a month.

