



Stage 5 Textiles Technology

Year 10 Voyage of discovery

Experimentation and testing

To make decisions about your choice of materials, techniques or equipment complete the following activities. The results of all tests must be included in your support documentation.

Materials

- Record your ideas for fabrics you could use, for example, denim, polyester/cotton plain weave, cotton interlock.

a) Identify the properties your item needs to have, this will depend on who will use it and how it will be used. For example, a school jumper needs to be:

- warm
- a suitable colour for the school uniform
- easy to clean
- a reasonable price
- hard wearing.
- Properties for your article:



- c) When you have your list of properties, test the fabrics you are thinking about using with appropriate tests.

Techniques

You will need to use a variety of techniques in constructing or decorating your item. Identify techniques you could use for the following:

Construction techniques

Seams: _____

Seam finishes: _____

Hems: _____

Fastenings, e.g. zipper, buttons, Velcro: _____

Shaping techniques, e.g. darts, gathers: _____



Decorating techniques

For example, dyeing or embroidery

Some techniques you will have used before, others will be new to you. To complete your article to a high standard you will need to test techniques you want to use to see if they suit your design and fabric.

Equipment

If there are any techniques that you will be using that require equipment that you are unfamiliar with ensure that you practice using the equipment and the technique before attempting to apply it to your article. For example, you may not have used the overlocker or computerised machine.