

## Key vocabulary

Synthetic	Made by people
Embellishment	Decorative detail added to something to make it more attractive.
Specification	identifying something precisely or of stating a precise requirement.
Mordant	a substance, typically salt, that combines with a dye or stain and thereby fixes it in a material.
Production aids	A tool or support to help achieve accuracy when making
Placement	Organising or putting a design in a specific place.
Resist	To prevent dye from reaching all parts of the fabric
Seam allowance	Area between the fabric edge and the sewing line.
Accuracy	Degree of closeness to a measurement
Geometric	Pattern or decoration made up of regular shapes; sq, triangle etc
Organic	produced without the use of chemical fertilizers, pesticides, or other artificial chemicals.
Relief	Patterns are cut away leaving areas which stand proud of the surface

## YEAR 9 PENCIL CASE

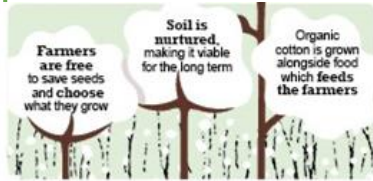


**What is Fair Trade?**  
The Fairtrade Foundation was established in 1992. Fairtrade is a way of buying and selling products that allows producers (farmers) to be paid a fair price for their produce and have better working conditions. Identified by the Fairtrade mark, products include both food and non-food items such as bananas, tea, coffee, chocolate and cotton.

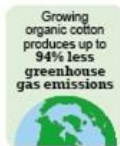
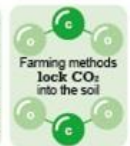
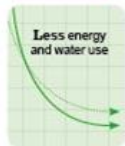


**What is fast fashion?** It is cheap, trendy clothing that samples ideas from the catwalk or celebrity culture and turns them into garments in high street stores at breakneck speed to meet consumer demand. The idea is to get the newest styles on the market as fast as possible and then, sadly, discard them after a few wears. It forms a key part of the toxic system of overproduction and consumption that has made fashion one of the world's largest polluters.

### Organic Cotton



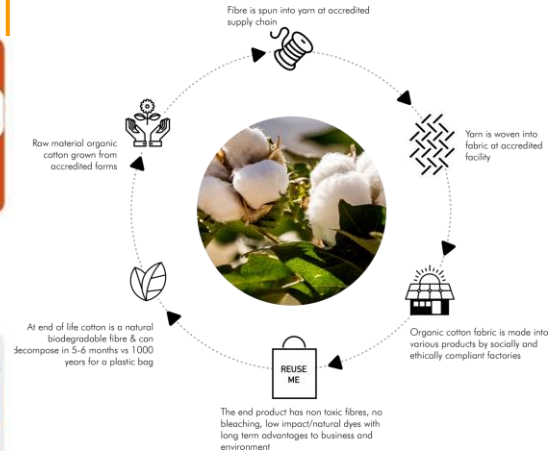
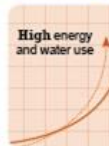
**Hazardous pesticides are banned** in organic cotton production, making it safer for growers

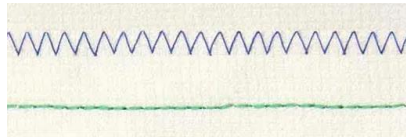
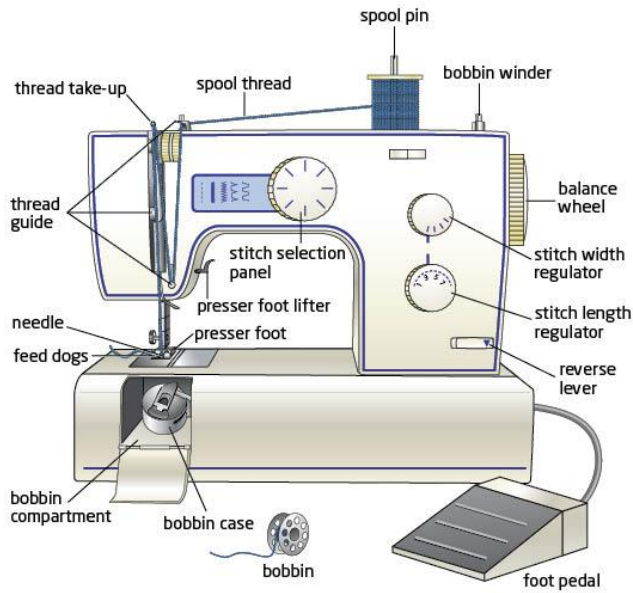


### Non-Organic Cotton



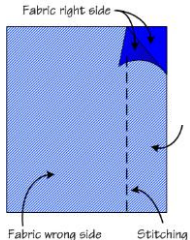
16% of the world's insecticides, and 10% of total pesticides, are used, poisoning people and the environment  
77 million cotton workers suffer poisoning from pesticides each year  
83% of manufactured nitrogen fertilisers used on crops end up in the environment





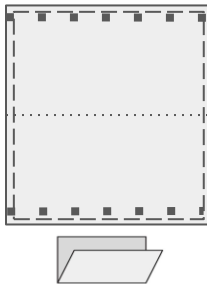
ZIG ZAG STITCH

STRAIGHT STITCH



SEAM ALLOWANCE

PATTERN PIECE

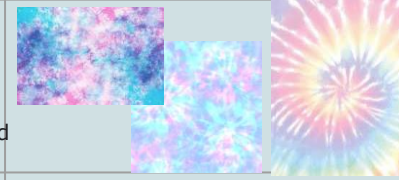


## TECHNICAL KNOWLEDGE

### DECORATIVE TECHNIQUES

#### TIE-DYE

Dyeing fabric to produce patterns by tightly tying sections of cloth together using elastic bands or a non absorbent binding. Where the fabric is tied it **resists** the dye and creates a pattern



#### STENCILLING OR MASKING OFF

The design parts not intended to take colour are covered with a material which does not absorb the dye or **resists** it. Then dye is passed over the surface with a brush, sponge or roller.



#### BLOCK PRINTING

Block printing is the **relief process** of printing onto fabric or paper using a hand-cut block, made of wood or linoleum. After the block has been carved, ink is applied, and then it is printed.



### TOOLS & EQUIPMENT Write in the names once you know them

