



Knowledge Organiser: Year 7 Textiles: 'Mini Monsters'

keyword	definition
sustainable	to use earth's resources in a way that will ensure they continue to exist now and in the future
component	a resource used to complete the construction of a textile product
design brief	an outline of the project/what the task is.
specification	a list of criteria a product needs to address
analyse	to look at something in detail and identify it's good elements and those that could be improved
inspiration	taking ideas from something and incorporating them into your design.
annotate	to add explanatory notes
natural	existing in or coming from nature
synthetic	something man made using chemicals
stitch	a loop of thread resulting from a movement of the needle in sewing.
sew	join or fasten something by making stitches with a needle and thread.
evaluate	to study carefully and judge



REDUCE

Use as little material and energy as possible to make a product.
Use locally sourced materials to reduce pollution created by transportation.



REUSE

Reuse all or part of a product to make something else



RECYCLE

Re-process a material to make it into something else



REFUSE

Don't buy or use something if you don't need to or if it is bad for the environment



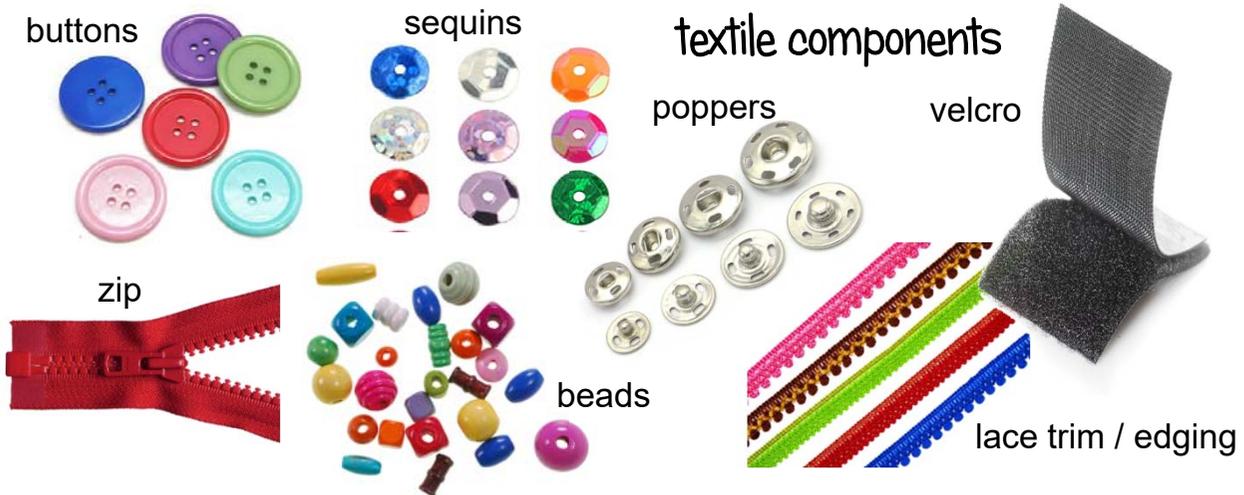
REPAIR

When something doesn't work- fix it!



RETHINK

Design products in a way that considers people and the environment.



A	Aesthetics
C	Client
C	Cost
E	Environment
S	Size
S	Safety
F	Function
M	Materials and manufacture



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Decorative hand stitches

running stitch



back stitch



cross stitch



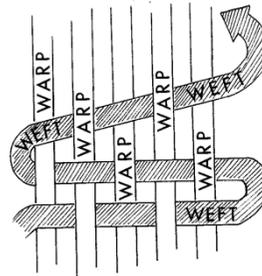
chain stitch



blanket stitch



Natural fibres come from plants and animals	Synthetic fibres come from chemicals in fossil fuels
Wool typically comes from sheep (can also be from alpaca, goats, rabbits etc.)	Nylon is made by combining chemicals from coal, water, air, petroleum & natural gas.
Cotton comes from the cotton plant.	Polyester is made from petroleum.
Silk comes from a silk worm's cocoon.	
Linen comes from the flax seed plant.	



FIBRE:
Hair-like substance that is the basis of all yarns and fabric

YARN:
Fibres that are twisted together

FABRIC:
Material made by joining yarns through weaving, knitting or felting

template (noun)
a shaped piece of rigid material used as a pattern for processes such as cutting out and shaping

In textiles, a **pattern** is the template from which the parts of a garment are traced onto **fabric** before being cut out and assembled.

Owl Pattern