

Year 8 Textiles

Key Words
Overlocker
Zigzag
Natural Dye
Cotton
Synthetic Fibre
Polyester
Resist Dyeing
Batik
Tjanting tool
Screen Printing
Squeegee
Block
Patchwork
Applique
Embroidery
Zip
Buttonhole



Sewing Machine

Quilting is the process of sewing two or more layers of fabric together to make a thicker padded material



Overlocker Used to finish, neaten and trim edges.

Components are pre-manufactured items added to textile products that are not the fabric. E.g fastenings, zips, buttons, beads

Seams and Construction

Fabrics:
Cotton
Polyester
Wool
Silk

Types of seams:
Plain Overlocked
Flat fell
French

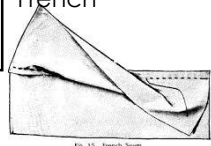


Fig. 15. French Seam

Dyeing

Natural vs Synthetic fibres
Natural fibres in fabric absorb dye more readily than man made.



Natural Dyes can be made boiling vegetables, fruit or spices to create colour.
Adding salt helps to fix the dye to the fabric

- Onion
- Coffee
- Beetroot
- Cabbage
- Spices

Any more?

Cotton = natural
Polyester = synthetic

Colour Application techniques

Batik: A traditional technique from Indonesia, resist dyeing where the wax stops the dye reaching the fabric



Resist Dyeing

Tie dye: A traditional resist dyeing, where the fabric is folded and tied with string or elastic bands to stop the dye getting to the fabric. Used on natural fabrics.

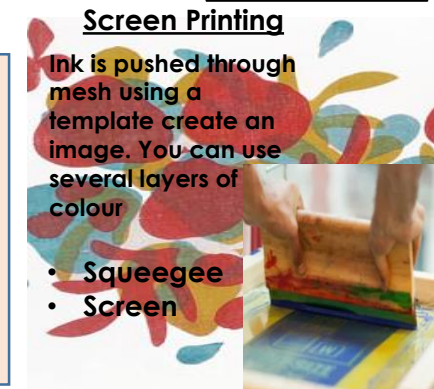


Roller printing creates a continuous pattern



Relief Printing Using a raised surface to apply colour

Block Printing Used for fabrics and wallpaper



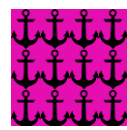
Screen Printing

Ink is pushed through mesh using a template create an image. You can use several layers of colour

- Squeegee
- Screen

Pattern

Straight repeat: is produced by repeating your image at measured intervals, placing each image directly under the previous one.



Mirror repeat: A mirror image reflects a pattern.

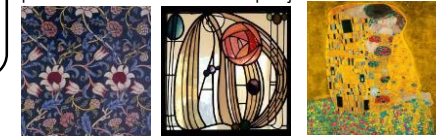


Half-drop repeat: This is produced by repeating the image at the side as the straight repeat, but moving the image half along on the second row, like a brick pattern



Artist Research

Mood board: is a physical or digital collage of ideas/images meant to inspire the design process at the start of a project



Can you name these artists?

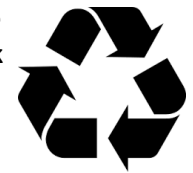
Manufacture

All techniques can be scaled up and used in mass manufacture/production.
Key words: Industrial, batch production



Environmental Considerations

Recycle
Rethink
Reduce



Reuse
Repair
Refuse