

Yr 9

Knowledge Organiser

Construction of your sleep-mask

- Polycotton as the face fabric
- Polyester wadding to provide padding.
- Plain-weave cotton/polyester as the backing elastic strap
- Straight stitch (machined) or running stitch (hand)
- Zig-Zag machine stitch
- Sublimation printing of student design

Key Words

Natural	Synthetic	Blended	Renewable
Woven	Knitted	Cotton	Boll
Silk	Worm	Cocoon	Wool
Petrochemical	Polymer	Interlining	Plain weave
Elastic	Sewing machine	template	evaluate

Fibre categories

Natural

Wool, Cotton, Silk, Linen

Man Made/synthetic

By products of the oil industry

Regenerated

Recycled,



List of designers from your chosen movement/era

Tools & Equipment



Fabric types

Woven
Bonded/felted
Knitted



Cotton

Fruit called BOLL
Soft strong, easily washable
Blends well with other fibres
renewable



Wool

Commonly from Sheep
Source determined soft or coarse
Dyes well
Very warm even when wet
Renewable



Silk

From silkworm cocoon
Triangular structure = shine
Expensive
Renewable



Synthetic Fibres

Polymers from petrochemicals
Wide range of colours
Hardwearing
Non absorbent
Easily blended
Non Renewable



Straight stitch

Stitch width 0

Stitch length 2 ½ - 3

Zigzag stitch

Stitch width 4

Stitch length ½ - 1

