

Y10 Junkie Challenge - Sustainability, SMSC and the 6Rs Knowledge Organiser

The 6 Rs

Rethink – Do we make too many products? Design in a way that considers people and the environment.

Refuse – Don't use a material or buy a product if you don't need it or if it's bad for people or the environment.

Reduce – Cut down the amount of material and energy you use as much as you can.

Reuse – Use a product to make something else with all or parts of it.

Recycle – Reprocess a material or product and make something else.

Repair – When a product breaks down or doesn't work properly, try to fix it.



SMSC Influences

Cultural:

Is any religious or ethnic group likely to be offended?
Is the product appropriate for the society in which it will be used?

Is the product suitable for men and women?

IS the product suitable for the age range targeted?

Economic:

What impact does the product have on jobs. Create or reduce work?

What are the working conditions for employees involved in making the product?

Who profits from the technology? Fair deal or exploitation?

Environmental:

Does the product use many different material types?

Does the product cause pollution?

Are the materials used renewable or non-renewable?

Have any habitats been damaged in extracting and producing the product?

Can it be reused or recycled or will it end up in landfill?

Social:

Is the product age/gender appropriate?

Does the product have positive or negative results for people living elsewhere in the world?

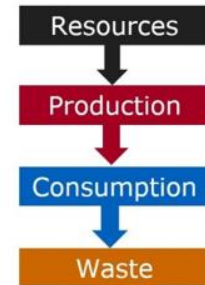
Does it improve the life for those with a disability?

Does the product make life better for those who use it?

Does the product make life better for those who make it?

Lifecycle

Linear economy



Chain economy



Circular economy



Presenting to the class

- Know the WHY, WHAT and WHO of your presentation.
- Keep it relevant.
- Pay attention to timing and rehearse – a lot.
- Be real and know your subject.
- Keep it simple – tell them what you're going to tell them, tell them, tell them what you told them.
- Create a positive impact.
- Deliver with enthusiasm and passion.
- Use Audio-Visuals carefully.
- Prepare for questions and handle your audience with respect and good humour.
- Remember- it's not about you, it's about the audience.

Keywords in textiles

A	Applique / Aesthetics
B	Buttons / Batch production / Batik / Bonded fabrics / Breathable fabrics / Biodegradable / Bobbin
C	Cotton / CAD CAM / Components / Colour / Construction
D	Decorative stitches / Design / Dyeing / Disassembly
E	Design brief / Durability
F	Embroidery / Evaluation / Elasticity / Eco-Design
G	Embellishment / Embossing /
H	Fibres/ fluorescent fabrics / Functionality / Fabric crayons
I	Fastenings / Felt / Flammability
J	Gathering / Grading
K	Hand stitching / Health & Safety / Hems / Handle
L	Ideas / Interfacing / Inspiration / Inks / Iron
M	Lace / Laminated fabrics / Leather / Linen
N	Machine stitching / Microfibres / Manequin /Mood boards
O	Natural fibres / Natural fibres / Needles / Nylon
P	Overlock / Organic
Q	Patchwork / Pattern / Pattern cutting / Pile / Phosphorescence
R	Pigment / Polyester / Pocket / Pleat / Printing / Pressing
S	Recycling / Regenerated fibres / Research / Rayon / Reflective
T	Satin / Scissors / Sustainable / Screen printing / Sewing machine / Shade / Stencil
U	Tailors chalk / Tape measure / Testing / Texture / Threads
V	/
W	Tie-Dye / Trends / Tolerance / Tailored / Transfer printing
Z	Weave / Webbing / Wool / Water-proofing
	Zip

Fashion Drawings

