



Aspire Curriculum Knowledge Organiser: Grand Designs

Big Question: Can I design and make a cushion using recycled materials?

Year 5

Spring



Big Ideas

I can develop ideas from research, interviews or questionnaires.

I can collaboratively create a design specification for my design.

I can create a product that is innovative, appealing and fit for purpose.

I can create a design using annotated sketches/pictorial representations.

I can begin to consider time, resources and cost.

I can plan a step-by-step list of tasks and resources.

I can identify famous designers and begin to discuss their impact on the world.

What? Key Knowledge Takeaways

- Market research is the action or activity of gathering information about consumers' needs and preferences.
- Different types of stitches have different purposes.
- Backstitch is led by setting the needle back of the end of the last stitch, then bringing it out in front of the end. it is a utility stitch which strongly and permanently attaches two pieces of **fabric**. The small stitches done back-and-forth makes the back stitch the strongest stitch among the basic stitches.

Key Vocabulary

Definition

Textiles

a type of cloth or woven fabric.

Running stitch

a simple needlework stitch consisting of a line of small even stitches which run back and forth through the cloth without overlapping.

Back stitch

Backstitch is led by setting the needle back of the end of the last stitch, then bringing it out in front of the end.

Over stitch

A stitch that loops over the hem of two fabrics joined together.

Sustainable

the use of natural resources when this use is **kept** at a steady level that is not **likely** to damage the **environment**.

Who? Famous People

Jacob W. Davis

Arthur Lasenby Liberty

William Morris

Billie Zangewa

Invented jeans.

Founder of luxury fabric brand, Liberty.

British textile designer.

South African textile artist specialising in silk.