

Hapton CE Methodist Primary School - Year 4 Spring 2 Knowledge Organiser Design & Technology - Textiles



Design & Technology - Textili

I will lift up my eyes to the hills, where does my help come from? My help comes from the Lord, the maker of heaven and earth."

Psalm 121 v 1-2

What should I	know
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- How to use pictures and words to explain and develop their designs
- How to develop more than one idea making different choices of materials
- How to complete threading and weaving activities
- How to use the appropriate joins for different materials
- How to strengthen a structure
- How to evaluate my own and others' work

I will be taught facts on...

- When and why a pattern is used when
- sewing
- The different types of stitches including
- a running stitch, over sewing and a
- blanket stitch
- What is meant by seam allowance and
- why it is needed
- What techniques can be used for
- strengthening and stiffening fabrics

Key Questions ...

- Who might use this?
- What purpose does it serve?
- How does it protect the passport, for example, from being crumpled?
- What stitches have been used?
- What fastenings have been used?
- How has the fabric been strengthened or stiffened to help protect the passport?
- How big is the container compared to the passport?

Key Vocabulary and Definition...

Rey Voca	bulary and Deminition
Seam	A line formed by sewing two pieces of fabric together.
Stitch	One movement of a needle and thread through cloth or other material when sewing.
Fastening	To join or attach firmly to something else or in place.
Sewing Pattern	A pattern is the template from which the parts of a product are traced onto fabric before being cut out and assembled.
Strengthen	To make something stronger.
Decoration	Something used to decorate or to make something else more beautiful.

Key skills...

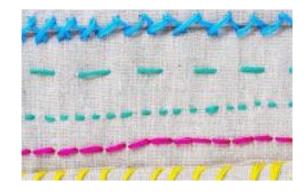
- To develop more than one design and decide which design to develop
- To think ahead about the order of their work and decide upon the tools and materials they will need
- To prepare pattern pieces as templates
- for their design
- To explore strengthening and stiffening of
- fabrics
- To explore fastenings and recreate some
- To sew on buttons and make loops
- To consider and explain how the finished
- product could be improved
- To discuss how well the finished product
- meets the design criteria of the user



Web links ...

https://www.bbc.co.uk/teach/class-clips-video/design-andtechnology-ks1-ks2-how-to-make-a-mobile-phonecover/z47yhbk

https://www.sewcanshe.com/blog/sewing-projects-for-kids









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