



Hapton CE Methodist Primary School - Year 4 Spring 2 Knowledge Organiser

Design & Technology - Textiles

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

<p align="center">What should I know ...</p> <ul style="list-style-type: none"> • 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 	<p align="center">I will be taught facts on...</p> <ul style="list-style-type: none"> • 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 	<p align="center">Key Questions ...</p> <ul style="list-style-type: none"> • 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? 												
<p align="center">Key Vocabulary and Definition...</p> <table border="1"> <tr> <td data-bbox="107 719 360 810">Seam</td> <td data-bbox="360 719 752 810">A line formed by sewing two pieces of fabric together.</td> </tr> <tr> <td data-bbox="107 810 360 901">Stitch</td> <td data-bbox="360 810 752 901">One movement of a needle and thread through cloth or other material when sewing.</td> </tr> <tr> <td data-bbox="107 901 360 1042">Fastening</td> <td data-bbox="360 901 752 1042">To join or attach firmly to something else or in place.</td> </tr> <tr> <td data-bbox="107 1042 360 1182">Sewing Pattern</td> <td data-bbox="360 1042 752 1182">A pattern is the template from which the parts of a product are traced onto fabric before being cut out and assembled.</td> </tr> <tr> <td data-bbox="107 1182 360 1281">Strengthen</td> <td data-bbox="360 1182 752 1281">To make something stronger.</td> </tr> <tr> <td data-bbox="107 1281 360 1380">Decoration</td> <td data-bbox="360 1281 752 1380">Something used to decorate or to make something else more beautiful.</td> </tr> </table>	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.	<p align="center">Key skills...</p> <ul style="list-style-type: none"> • 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 <div data-bbox="949 1198 1167 1385" data-label="Image"> </div>	<p align="center">Web links ...</p> <p>https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks1-ks2-how-to-make-a-mobile-phone-cover/z47yhbk</p> <p>https://www.sewcanshe.com/blog/sewing-projects-for-kids</p> <div data-bbox="1529 991 2072 1337" data-label="Image"> </div>
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