

Ashtree Primary School and Nursery Medium Term Plan for DT

Year 6 – Textiles – Support/fidget/busy Blanket

Key Vocabulary

planning, investigating design, evaluate, make, user, purpose, ideas, product, join, fabric, cut, attach, glue, staple, stitch, running stitch, cross section, applique, back stitch, over sewing, fastenings, blanket stitch.

Prior Knowledge & Skill

To understand and use the properties of materials to achieve functioning product. Create 3D products using pattern pieces and seam allowance. Pin and tack fabric pieces together. Join fabrics using over sewing, back stitch. Use fastenings and recreate some. Decorate textiles appropriately often before joining components

Key Knowledge

To be able to create fastenings for a purpose.

Key Skill:

Combine fabrics to create more useful properties. Join fabrics using hand or machine stitching Use fastenings and recreate some that are relevant and useful to the product. Decorate textiles appropriately often before joining components applying previous taught skills. Competently select from and use appropriate tools to accurately measure, mark, cut and assemble materials to produce reliable, functional products.

KS2 Design and Technology National Curriculum

Design

- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design

Make

- select from and use a wider range of tools and equipment to perform practical tasks select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

Evaluate

- Investigate and analyse a range of existing products. Evaluate their ideas and

Design and Evaluate

Children can be taught key knowledge by learning the skills below:

1. To explore existing product designs - design and materials used.
2. To design a busy/fidget/comfort blanket
3. To make a prototype of the product
4. To adapt and improve work as necessary
5. To sew a range of stitches
6. To look and use appropriate fastening techniques.
7. To make an appropriate choices on materials/tools/techniques
8. To evaluate finished product against original design
9. To suggest changes for improvement

Curriculum Enhancements and Designers

<https://www.artnews.com/art-news/product-recommendations/best-fidget-quilts-1234581360/>

- Busy blankets

Misconceptions

- Do children know how to use scissors safely? • Can children cut lines accurately? • Can children cut out shapes accurately? Can children sew two pieces of material together? • Can children use the tools needed for sewing safely and sensibly? Tangling the thread, ensure the thread is not too long and chn can feel resistance before they sew back on themselves. Thinking that textiles only refers to fabric: Children may assume that textiles only means fabric and not other materials like yarn, string, or even plastic. It's important to teach them that textiles can be made from various materials. Believing that textiles are only used for clothing: Students may think that the only use for textiles is in clothing, and not understand that textiles are used in many other applications, such as furniture, home decor, and even car interiors. Thinking that sewing is the only skill needed for textiles: Children may believe that sewing is the only skill required for working with textiles. However, working with textiles also involves skills such as cutting, measuring, weaving, and knotting. Assuming that all textiles are created equal: Students may not understand that there are many different types of textiles, each with unique properties and uses. For example, some fabrics are stretchy while others are stiff, some are waterproof while others are not. Believing that all textiles are easy to work with: Students may think that textiles are easy to work with, without considering the challenges of handling delicate fabrics or creating complex designs. It's important to emphasize that working with textiles requires patience, skill, and attention to detail.

Suggested Activities

- Interview residents at the local care home to gather market research - what would they like.
- Look at fidget and calm blankets - what is the purpose. How does it help?

Curriculum links

- ❖ Science: materials, forces (strength)
- ❖ Art: textiles
- ❖ English: instructions, annotating drawings/designs
- ❖ Maths: measuring
- ❖ PSHE: Collaborative working, discussions and evaluations.
- ❖ Eco schools: recycle, reuses, reduce

This will lead children..

1. To consolidate and apply their sewing skills - running stitch, back stitch, over sewing and blanket stitch to join materials together or to create a design
2. To understand and use the properties of materials to achieve functioning product.
3. Pin and tack fabric pieces together.
4. Understand a fastening technique and recreate some.
5. Decorate the product using previously taught skills.