D&T – Textiles: Combining Different Fabric Shapes
Year 6: Autumn 2

Key Vocabulary

Mock up – quick 3-D modelling using easy to work and cheaper materials and temporary joints. Useful for checking proportions and scale.
Pattern or template – a shape drawn to exact shape and size, used to assist in cutting out.
Seam allowance – extra fabric allowed for joining together - 15mm for domestic patterns.
Specification – describes what a product has to do.
Tacking – large running stitches to hold pieces of fabric together temporarily.
Working drawing – detailed drawing contains all information needed to make a product but is updated as changes are made.
Wadding - soft, thick material used to line garments or pack fragile items, especially cotton wool formed into a fleecy layer.
Hem - the edge of a piece of cloth or clothing which has been turned under and sewn.
Authentic - of undisputed origin and not a copy; genuine.

Key Questions

- How can CAD help me with my design ideas?
- What methods of joining the fabric would be most effective?
- How do the textiles used match the intended purpose?
- What components have been used to enhance the appearance?
- How has my design succeeded in meeting the needs of the user?



Key Skills

- Develop, model and communicate ideas through talking, drawing, templates, mock-ups and prototypes and, where appropriate, computer-aided design.
- Design purposeful, functional, appealing products for the intended user that are fit for purpose based on a simple design specification.
- Consider culture and society in their design.
- Produce detailed lists of equipment and fabrics relevant to their tasks.
- Formulate step-by-step plans and, if appropriate, allocate tasks within a team.
- Test products with intended user and critically evaluate the quality of the design, manufacture, functionality and fitness for purpose.
- Know that fabrics can be strengthened, stiffened and reinforced where appropriate.

Concepts

Evaluating -To evaluate is the act or the result of evaluating a situation that requires careful consideration to determine the value, nature, character, or quality of something.

Making - The making of something is the act or process of producing or creating it.

Website Links

Sew your own phone case
https://www.youtube.com/watch?v=peP7MFlHVC8

Blanket stitch
https://www.youtube.com/watch?v=S9zegUYdPmg