



Year 3/4 DT Knowledge Organiser: Textiles



Subject Specific Skills

- Develop a design brief within a context which is authentic and meaningful.
- Discuss the uses and purposes of their textile creation.
- Plan the main stages of making.

Prior Learning

- Have joined fabric in simple ways by gluing and stitching.
- Have used simple patterns and templates for marking out.
- Have evaluated a range of textile products.

Technical Knowledge:

- Know how to strengthen, stiffen and reinforce existing fabrics.
- Understand how to securely join two pieces of fabric together.
- Understand the need for patterns and seam allowances.
- Know and use technical vocabulary relevant to the project.



Design:

- Generate realistic ideas through discussion and design criteria for an appealing, functional product fit for purpose and specific user/s.
- Produce annotated sketches, prototypes, final product sketches and pattern pieces.

Make:

- Plan the main stages of making.
- Select and use a range of appropriate tools with some accuracy e.g. cutting, joining and finishing.
- Select fabrics and fastenings according to their functional characteristics e.g. strength, and aesthetic qualities e.g. pattern.

Evaluate:

- Investigate a range of 3-D textile products relevant to the project.
- Test their product against the original design criteria and with the intended user.
- Take into account others' views.
- Understand how a key event/individual has influenced the development of the chosen product and/or fabric.

Key Vocabulary

- **Appliqué** - means 'applied' - describes method of stitching/gluing patches onto fabric (originally to mend holes in worn clothes) to provide decoration.
- **Pattern/Template** - a shape drawn to exact shape and size and used to assist cutting out.
- **Seam** - a line of stitching that joins pieces of fabrics together.
- **Seam Allowance** - extra fabric allowed for joining together - usually 1.5cm.
- **Prototype** - a model that is made to test whether a design will work.
- **Aesthetics** - the way in which the product looks with the nature and expression of beauty.