



Year 4 - Summer - Design & Technology

What I already know...

Children will have already explored cut and joined different fabrics using simple techniques.

They will be familiar with thinking about the user and purpose of their product.

Key Vocabulary

Stitch	Using thread to either join fabrics or create a pattern.
Seam	The line formed when sewing fabric together
Seam allowance	The extra space needed around a design to allow for the space to sew.
User	The person who the product is designed for.
Pattern	A guide used to help you to accurately cut out the fabric shapes needed.

What I will learn...

- To know how to secure fabric together in a variety of ways.
- To understand the need for sewing patterns and seam allowances.
- To generate realistic ideas to design an appealing functional product fit for purpose and for a specific user.
- To produce annotated sketches and pattern pieces.
- To plan the main stages of making.
- Select and use a range of appropriate tools with accuracy.
- Test my product against the design criteria.



Blanket stitch



Running stitch



Making a difference at The Merton & beyond

The children will create their own Worry Monster to help understand the importance of sharing concerns and looking after their mental health.

They will use their sewing skills to create this and will be encouraged to share this with their family or friends linking to our topic The Key to Happiness.

Skills I will learn:

Design: 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 materials and components, such as textiles, according to their functional properties and aesthetic qualities

Evaluate: evaluate their ideas and products against their own design criteria and consider the views of others to improve their work