



Year 5 - Autumn - Design & Technology Knowledge Organiser

What I already know...

- How to join fabric in simple ways by gluing and stitching.
- How to use simple patterns and templates for marking out.
- How to evaluate a range of textile products.
- Experience of basic stitching, joining textiles and finishing techniques.
- Experience of making and using simple pattern pieces.

What I will learn...

- How to use existing products to influence our ideas and to design our own purposeful product.
- How to create different stitches e.g running stitch, blanket stitch
- How to tread a needle, start and finish a stitch and choose appropriate tools and materials.
- Evaluate why my product is successful and alter and refine designs throughout the process.
- Understand how to make a product using a design brief for a purpose.

Key Vocabulary

Design brief	Design a product based on the goals of a brief in order to achieve success.
Seam	A line where two pieces of fabric are sewn together.
Template	A tool used to mark out shapes
Stitch	A loop of thread or yarn from a needle.
Bag	A flexible container with a single opening
Fabric	Artifact made by weaving, felting or knitting fibers.
Felt	A fabric made of compressed matted animal fibers



Making a difference at The Merton and beyond

During this term, the children will create their own Mayan Worry Doll including a carry bag. Their purposeful designs will be influenced by existing products and a

design brief. The purpose is to create a tool that will support their PSHE learning regarding worries and anxieties.

The children will work in pairs to evaluate their ideas throughout the process in order to alter and refine their

How to be an designer....

- **Disciplinary Knowledge:** skills I will learn...
- **research** existing products
- **use a design brief** to design a product
- **work in pairs** to design, make and evaluate a bag that can make a difference to people's lives.