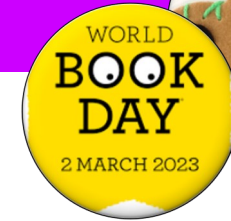




# Year 1 - Spring- Design & Technology Knowledge Organiser

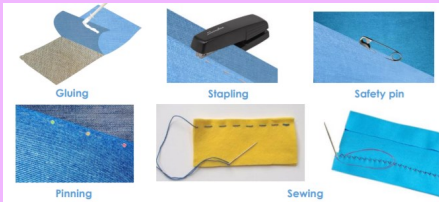


## What I already know...

In EYFS, I learnt to manipulate and control different materials and tools, using these safely, including threading. I learnt different techniques for joining materials, such as how to use adhesive tape and different sorts of glue. them with care and precision.

## What I will learn...

- How to join fabrics using different techniques e.g. running stitch, glue, over stitch, stapling.



- To thread a needle.
- To use running stitch.
- Know and use technical vocabulary relevant to the project (*joining and finishing techniques, tools, fabrics and components, template, pattern pieces, mark out, join, decorate, finish*)
- Understand how simple 3-D textile products are made, using a template to create two identical shapes.
- Explore different finishing techniques.



## Key Vocabulary

glove puppet	Fits over your hand and you can use your fingers to operate its head and arms
sew	To join pieces of fabric with stitches
template	A shape drawn to help cutting out shapes
mock-up	A model which allows you to try out ideas using cheaper materials and temporary joints.
design	To generate, develop and communicate ideas for a product.
applique	To attach a decorative fabric item onto another piece of fabric by gluing and/or sewing.
fray	To unravel or become worn at the edge
evaluate	To judge how a product meets chosen criteria.

## Making a difference at The Merton and beyond

As we learn about Syston in the Victorian times and find that there were a number of textile factories we will embark on a sewing project of our own! To share our love of stories and books, we will build up to our annual World Book Day celebrations by making a puppet of our favourite book characters to help create story sacks for a puppet shop. We will draw on our local community and invite parents and grandparents to support us as we learn sewing skills that have been passed on through generations and use these in to create our puppets. We will enjoy getting stuck in and developing not only sewing skills, but our character as we learn to persevere and show patience as part of the making process.

## How to be a sewer:

Instead of throwing away clothing with small holes and lost buttons, think about Reuse-Reduce-Recycle and use your new found sewing skills to repair holes in your favourite items of clothing so that you can continue to enjoy wearing them for longer and make a difference to the environment at the same time too!

If you can't mend the old clothes maybe you could make something new from them instead.

