

# Knowledge Organiser Strand: Design and Technology

Year 3 Spring term: What makes Britain Great?



## What should I already know?

- ◇ Sketch and label diagrams of their design ideas.
- ◇ Discuss their ideas and explain the purpose, choice of materials, any necessary changes and how it will be made.
- ◇ Explore and analyse existing products. □ Consider why products are good (or not) and how effective they are at meeting their purpose.
- ◇ Explore different ways of joining things together.

## Key Vocabulary

Fabric, names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, seam allowance, user, purpose, design, model, evaluate, prototype, annotated sketch, functional, innovative, investigate, label, drawing, aesthetics, function,

## Resources to help me with my learning!

Children's guide on how to complete a running stitch—[Trixi's Guide to Teaching Kids to Sew: Running Stitch - YouTube](#)

How to thread a needle—[Teaching Kids to Sew: Threading a Needle and Doing a Running Stitch - YouTube](#)

How to make your own purse—[How to Sew an Easy Fabric Purse + Tips on Teaching Kids to Sew - YouTube](#)

## What will I know by the end of this unit?

- ◇ I know that pattens are used when making items from material
- ◇ I know there are different types of fastenings and they are used for different purposes.
- ◇ I know that a running stitch is a simple line of straight stitches with the needle going up through a hole, down through the next and continuing.
- ◇ I know an overstitch is where the needle comes up through the fabric and wraps over the edge before coming up to another stitch



Purse ideas