Knowledge Organiser

Year 5/6 Spring 2023 — Can we make a difference?



What should I already know?

- I can draw a design plan.
- How to compare a range of products.

Key Vocabulary

seam, seam allowance, wadding, reinforce, hem, template, pattern pieces, pinking shears, fastenings, iron transfer paper design criteria, annotate, design decisions, functionality, innovation, authentic, user, purpose, evaluate, mock-up, prototype

Resources to help me with my learning!

- National Oak academy: art and design.
- BBC Teach art and design.

What will I know by the end of this unit?

Strand: Design Technology

- I know that different materials have different qualities for use in textiles
- I know how to create pattern pieces for my design
- I know a range of stitches and techniques including running stitch, overstitch, cross stich and eplique
- I can select my equipment and materials carefully
- I know how to evaluate my product
- A 3-D textile product can be made from a combination of accurately made pattern pieces, fabric shapes and different fabrics. Fabrics can be strengthened, stiffened and reinforced where appropriate.
- Carrying out research including surveys, interviews and questionnaires.
- Formulate step-by-step plans and, if appropriate, allocate tasks within a team.
- Select from and use a range of tools and equipment to make products that are accurately assembled and well finished.
- Work within the constraints of time, resources and cost.
- Compare the final product to the original design speci-