Design & Technology

Barnton
Community Nursery & Primary School
Inspire - Believe - Achieve

All children – regardless of gender, starting point or background – will have the opportunity to engage with a high-quality design technology education. They will be equipped with the knowledge, skills and vocabulary to use creativity and imagination to design and make products that solve real and relevant problems in a variety of contexts. We intend to inspire a sense of enjoyment and curiosity about design technology.

Textiles – 2D Shapes to 3D Products

Autumn 2

Igniting Prior Knowledge:

Year 2 (Textiles – Templates & Joining Techniques)

- To sew is to join pieces of fabric with stitches by hand or by machine.
- Fabrics can be joined using different techniques such as sewing (running stitch), gluing, stapling.
- A running stitch is a simple stitch consisting of a line of small even stitches.
- There are different finishing techniques e.g. painting, fabric pens, sequins, buttons.
- 3D textile products are made using a template to create two identical shapes.
- Some fabrics are environmentally friendly as they can be reused, recycled or are decomposable.

Key Vocablary:
- fabrics,
- stapling,
- appealing,
- join,
- glue,
- materials,
- template,
- cut,
- mock-ups,
- mark out,
- stitch,
- shape,
- tools,
- applique,
- strengthened,
- stiffened,
- reinforced,
- seam allowance

New Knowledge:
- Fabrics can be strengthened, stiffen and reinforced using different techniques.
- Two pieces of fabric can be securely joined together e.g. stapling, gluing and sewing (running stitch, over stitch).
- An over stitch is when you sew over the edges, cover the edge or make a firm seam.
- There are different decorative finishing techniques to enhance a textiles product: Using additional components to decorate fabrics (sewing on buttons, beads or sequins); creating decorative stitches with a needle and thread (hand embroidery); applying one layer of shaped fabric to another (applique).
- Extra allowance for joining fabrics together is called a seam allowance.
- Patterns and seam allowances are needed.
- Christmas decorations should be reused to minimise the impact on the environment.

Environmental Impact