



St John Vianney Catholic Primary School



What I am Learning in

D&T this Term...

Year 3: Textiles-2-D shape to 3-D product

Topic Overview – Lesson Objectives

Lesson 1	Demonstrate a range of stitching techniques. Practise sewing two small pieces of fabric together, demonstrating the use of, and need for, seam allowances.
Lesson 2	Look at a range of fabrics and consider if they are suitable for the chosen purpose and user. Test out some decorative finishing techniques such as embroidery and fabric pens/paints. Use questioning to develop understanding, e.g., 'Which joining techniques are suitable for the fabric and purpose?'
Lesson 3	Design an appealing and functional product fit for purpose and specific users. Plan the main stages of making using, for example, a flowchart or storyboard.
Lesson 4	Make your product using your existing knowledge, skills and understanding. Select and use appropriate tools with some accuracy.
Lesson 5	Complete your product, selecting fabrics and fastenings according to their functional characteristics, e.g., strength and pattern.
Lesson 6	Evaluate your product against the design criteria and with the intended user and for its purpose. Get the views of others to help with identifying possible improvements.

Assessment – National Curriculum

NC Statement	Maths/Literacy opportunity	Child led enquiry
<p>Design</p> <p>*Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.</p> <p>*Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.</p> <p>Make</p> <p>*Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately.</p> <p>*Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.</p> <p>Evaluate</p> <p>*Investigate and analyse a range of existing products.</p> <p>*Evaluate their ideas and products against their own design criteria</p>	<p>Nets of shapes and accurate measurement mm/cm.</p> <p>Develop technical vocabulary. Give well-structured descriptions of e.g., finishing techniques.</p>	<p>How can you make your product interesting to look at?</p>

and consider the views of others to improve their work.

*Understand how key events and individuals in design and technology have helped shape the world.

Technical knowledge

*Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.

Topic 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, pattern pieces