



Year 5

DT - Combining different fabric shapes

EXAMPLE:
 The designing, making and evaluating process to make a belt for garden tools

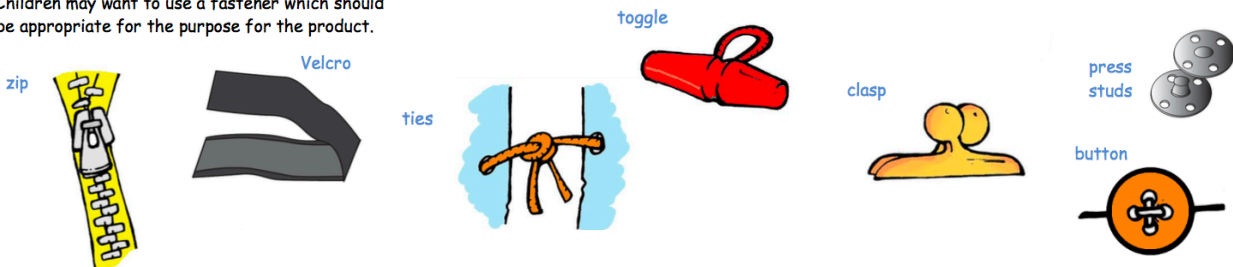
Key vocabulary	
Pattern / template	A shape drawn to the exact shape and size to help cut out the fabric
Seam	A line of stitching that joins pieces of fabrics together
Seam allowance	Extra fabric allowed for joining together (1.5cm)
Prototype	A model that is made to test whether the design will work
Tacking	Large running stitched to hold pieces of fabric together temporarily
Working drawing	A detailed drawing of the product that is updated as changed are made
Specification	Describes what a product has to do
User	Who the product is being made for
Purpose	What will be product be used for

THOUGHT	ACTION
What are the features of a successful product? What features do I need to include in a functional, innovative and authentic product?	Researching, investigating, disassembling and evaluating existing products and consulting 'real life' designers
What knowledge and skills do I need to be able to design and make a good quality product?	Investigating and practising using a range of methods to join fabrics together and making judgments about the strength and appropriateness of each technique
How do I make a paper pattern for the product I want to produce?	Practising finishing techniques and, if possible, learning to use a sewing machine
What design decisions do I need to make?	Creating a 2-D paper pattern with a seam allowance
How can I communicate my ideas for my product in an effective way?	Developing ideas through research, working drawings, computer-aided design, discussion, paper mock-ups and modelling
How will I show innovation? Who will be the user of my product and what are their needs, wants and values?	Thinking about the user and purpose and developing specifications for products
What will be the purpose of my product?	Formulating a clear plan of work and allocating tasks if appropriate
More thoughts... appraising, reflecting, refining	Constantly self-evaluating and making changes if the product is not fulfilling the specification
Does my product meet the needs and wants of the user? Is it appealing and does it fulfill a purpose? Is it innovative?	Testing final products with the intended user and making an evaluation of how successful they are

Teaching aids

Possible fasteners

Children may want to use a fastener which should be appropriate for the purpose for the product.



Stitches

Children can use different stitches to decorate their products.

