



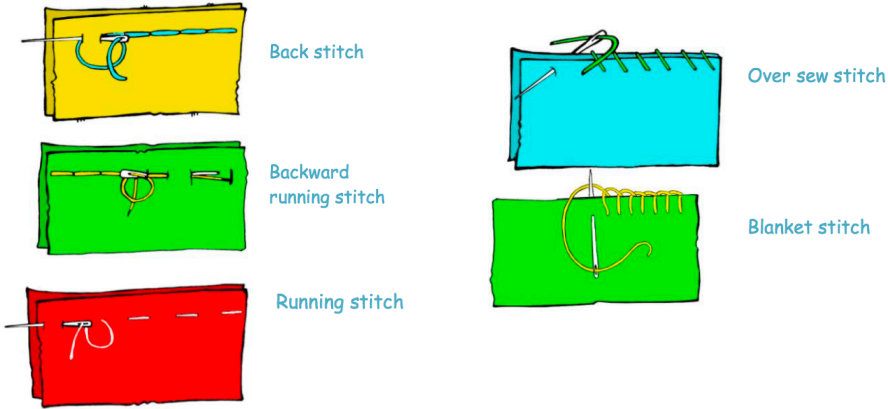
Year 4 DT - 2D shape to 3D shape

EXAMPLE: The designing, making and evaluating process to make a purse or wallet

THOUGHT	ACTION
Who is it for? What will it hold? e.g. phone, money, plastic cards, pencils.	Discuss ideas; create a list of likes and dislikes of the user Generate design criteria
What shape will the holder be? How will it fasten?	Investigate a range of templates/patterns and choose the most appropriate one for purpose Create initial design ideas
What fabric should I use?	Discuss and explore different fabrics suitable for purpose Possibly test fabrics for strength/waterproofness
Which joining techniques would be the best for the fabric and pattern?	Discuss and test out different joining techniques on mock ups Evaluate these against the design criteria
How can I make my holder aesthetically pleasing for the user?	Test out a range of decorative techniques and decide on the one/s which are appropriate
How long will it take to make? What tools will I need? What order should I do it in?	Create the holder following the design
Reflection and refining What isn't working very well? What could I improve on?	Make suitable adjustment during the making process Develop the plan during the making
Will my holder/purse/wallet fulfill its function? Is it suitable for the user?	Test out the product Make an evaluation with the user against the initial design criteria and design ideas

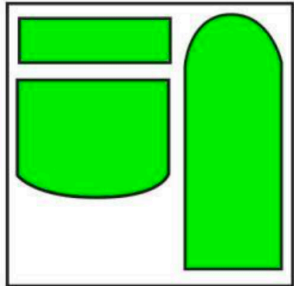
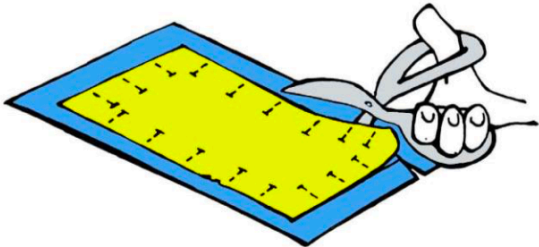
Key vocabulary	
Fabric	Cloth or material used for making clothes
Fastening	A devise to keep the product closed
Applique	How decorations are applied to the fabric (stitched or glued)
Pattern / template	A shape drawn to the exact shape and size to help cut out the fabric
Seam	A line of stitching that joins 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
User	Who the product is being made for
Purpose	What will be product be used for

Teaching aids - joining techniques



Cutting out techniques

Ensure template is secured to fabric to allow for accuracy. Double sided tape can be used instead of pins to do this.



Place pattern pieces carefully to avoid wastage.