

Knowledge Organiser	
Year: 5 DT – Textiles – Combining different fabric shapes	Term: Autumn 2
Design, make and evaluate a colourful, material bag to give as a present at Christmas to a family member.	

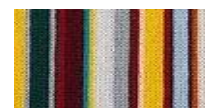
Vocabulary	Meaning
Pattern Pieces	Different pieces of material that are joined together to make a complete product.
Stitching	The act of using a needle and thread to create stitches that join parts of a product.
Working drawing	A detailed drawing that contains all of the information needed to make a product and is updated as changes are made.
Tacking	A way of holding pieces of fabric together temporarily using large stitches.
Seam allowance	The area between the fabric edge and the stitching line on two pieces of material being sewn together.
Sewing Machine	Used to quickly sew fabric and materials together with a thread.



Key Knowledge:

- Bags are required to carry the products bought, They should have a handle, be lightweight and be reusable.
- Bags may have stitches, joins, fastenings, handles and decoration. They can be different sizes and shapes depending on the purpose of the bag.
- Different types of fastening include buttons, toggles, drawstring, laces, press studs and Velcro.
- Bags can be made from a range of different materials including leather, plastic or fabric.
- The final product is made up of different pattern pieces.
- A 3D textile product can be made from a combination of fabric shapes such as the body and the straps of the bag.
- When sewing textiles, it is important to join the correct sides together so that they can be turned inside out to hide the stitches

Paul Smith is a world-famous clothes designer from Nottingham. He has over 200 shops world-wide. His business is still based in Nottingham and he is a key figure in the British fashion industry. His designs often have his signature striped pattern.



Learning Objectives	
Lesson 1	I can investigate and evaluate existing bags
Lesson 2	I can generate a set of design criteria based on research of the intended user.
Lesson 3	I can use tacking to hold material together temporarily. I can join two pieces of fabric securely using a sewing machine.
Lesson 4	I can select appropriate tools and equipment suitable for a given task. I can measure, mark out, cut and shape materials.
Lesson 5	I can evaluate the quality of my product against my own design criteria. I can explain adjustments made during the design and make process.
Lesson 6	I know about important local designer Paul Smith and his 'Signature stripe'