Knowledge Organiser Design & Technology Year 6 Spring



Textiles - Waistcoats

Physical Control of the Control of t	
Adapt	To change or alter something to fit a given purpose, or to improve it.
Annotate	To add notes which explain a plan or design.
Detail	The small features of an object.
Fabric	A natural or man-made woven or knitted material that is made from plant fibres, animal fur or synthetic material.
Fastening	A closing and opening detail on clothing such as buttons, zips and press-studs.
Knot	A join made by tying two pieces of string or rope together.
Properties	The way in which we describe materials for their appearance, strengths and weaknesses. (e.g. absorbent, flexible, transparent).
Running-stitch	A simple style of sewing in a straight line with no overlapping.
Seam	A line along the two edges of cloth that are joined or sewn together.
Sew	To join or fasten by stitches with thread and a needle.
Shape	The form of an object.
Target audience	A particular group of people who the product is aimed at.
Target customer	A particular type of person who the product is aimed at.
Template	A stencil made of metal, plastic, or paper, used for making many copies of a shape or to help cut material accurately. (e.g. biscuit cutter)
Thread	A thin string of cotton, wool or silk used when sewing.
Unique	One of a kind, original.
Waistcoat	A formal vest-type jacket with no arms, usually worn over a shirt and under a jacket. They sometimes have buttons or pocket detailing.
Waterproof	Material that does not allow water pass through it.

Design Make Evaluate

Knowledge and skills covered in this topic

- ☐ Children will learn how to meet the needs of the client, What colour do they prefer? Which type of fastener do they prefer? Which material would be best?
- Children will know how to accurately measure the client and the material to ensure it fits.
- Children will understand the difference between a design and a template.

Width: Waist

- Children will be able to secure a fastener.
- ☐ Children will create secure stitches and seams by tying knots.

Prior knowledge

- Year 1: Joining two pieces of fabric by pinning, staples or gluing.
- Year 2: Beginning to sew. Creating a cushion and joining using basic stitching. Knowing to sew inside-out for particular projects.
- Year 3: Using basic cross stitch and applique. How to accurately cut fabric.
- Year 4: Joining fabric using a cross stitch and a running stitch. Using and securing fasteners to give the design purpose.
- **Year 5:** Using a blanket stitch to create a secure attachment. How to applique designs onto a larger piece of material. How to measure material accurately before cutting and sewing.