



Whitley Abbey Primary School

Hand in Hand We Learn

Knowledge Organiser - DT - Key stage 1

Key Vocabulary

Evaluate - is a test used to compare an object against requirements and specifications.

Product - an article or substance that is manufactured or refined for sale.

Design - a plan or drawing produced to show the look and function or workings of a building, garment, or other object before it is made.

Ornamentation - decorative elements added to something to enhance its appearance.

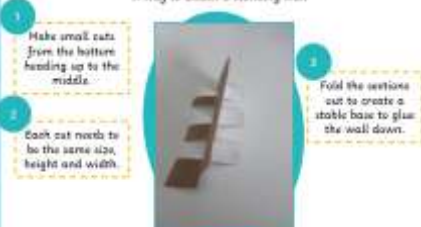
A template is a piece of paper or thin card that can be drawn around to make a cutting line on fabric.



Attachment Techniques

Tabs

A way to attach a standing wall



Attachment Techniques

Flange

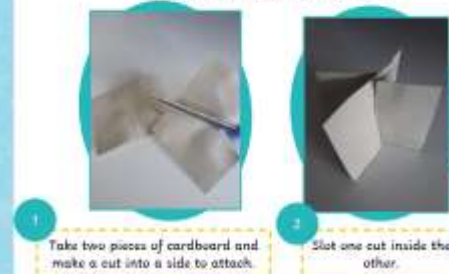
A way to connect tubes or pipes



Attachment Techniques

Slot

A way to connect flat pieces together



Attachment Techniques

L Brace

A way to connect two pieces with a 90° angle



Clay Techniques to Try



Rolling a ball of clay



Rolling snakes with clay



Squeezing the clay



Pulling and pinching the clay with your fingers



Carving details into the clay with tools



Smoothing out the clay with your fingers

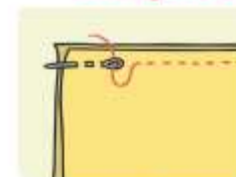


Creating holes or hollows in the clay with tools



Joining pieces of clay together

Simple Sewing Stitches



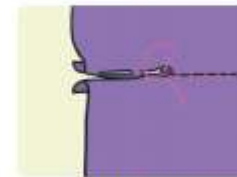
running stitch



basting stitch



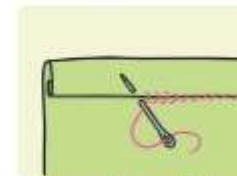
backstitch



invisible stitch



slip stitch



hemming stitch



overcast stitch/whipstitch



catch stitch



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Hand in Hand We Learn

Knowledge Organiser - DT - Lower Key Stage 2

Key Vocabulary

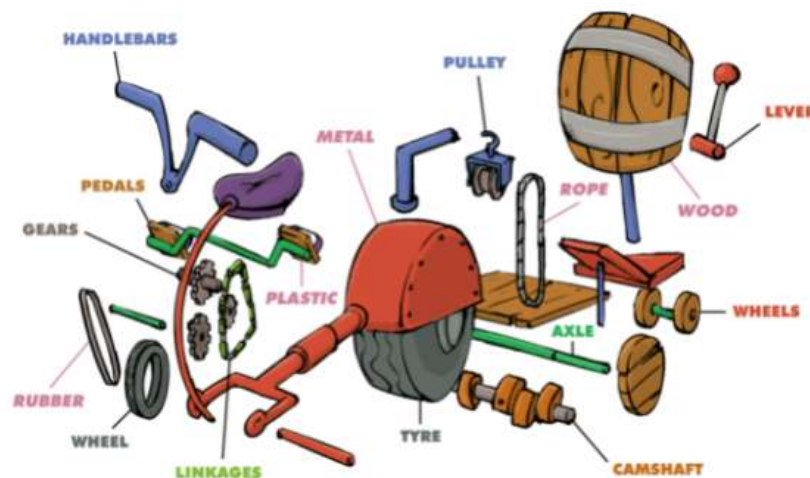
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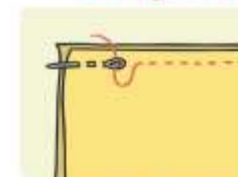
Aesthetics - are the features that customers/users like and dislike about the sensual appearance of a product.



Exploded diagram



Simple Sewing Stitches



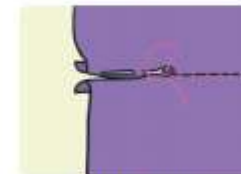
running stitch



basting stitch



backstitch



invisible stitch



slip stitch



hemming stitch



overcast stitch/whipstitch



catch stitch



Framed structure



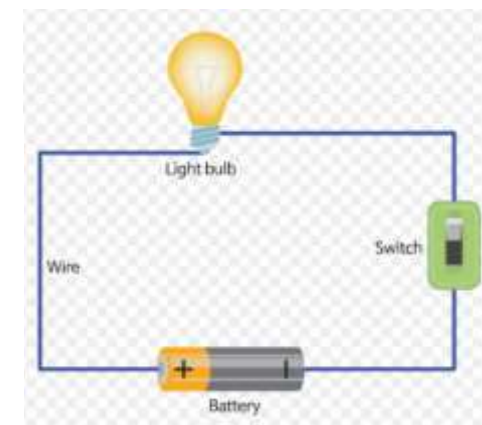
Shell structure



Natural structure



Free-standing





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Hand in Hand We Learn

Knowledge Organiser - DT - Upper Key stage 2

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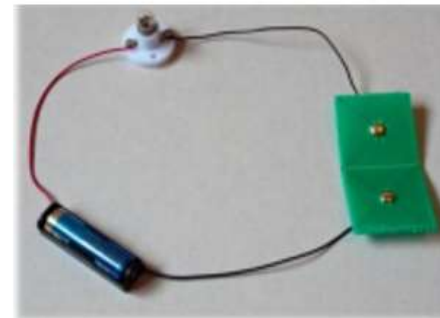
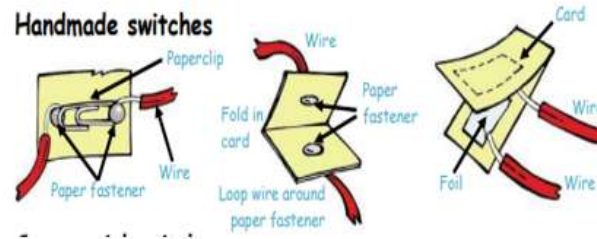
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Handmade switches



Qualities of fabric

Rough e.g. hessian



Smooth e.g. silk



Thin e.g. linen



Thick e.g. fleece



Soft e.g. felt



Fluffy e.g. fur



Teaching aids - joining techniques



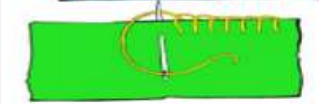
Back stitch



Backward running stitch



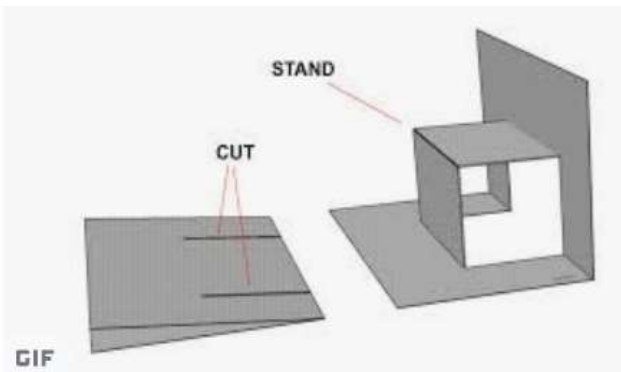
Over sew stitch



Blanket stitch



Running stitch



GIF