

Knowledge Organiser

Year: 3

Subject: Design and Technology

Unit: Seasonal stockings

Overview

In this unit the children will learn about Christmas stockings. They will learn about the importance of functionality and visual appeal and evaluate some bought products. The children will learn how to join two pieces of fabric together using different stitches. They will learn about making products visually appealing by embellishing using embroidery and appliqué. The children will make their own Christmas stocking and evaluate how successful their end product is.

What should I already know?

Vocabulary:

Design

- Can name and describe the features and functions of an existing design
- Can investigate ways to join pieces of material together
- Can make a design for a puppet that can be worn on a hand
- Can list and select the appropriate materials and explain their choices
- Can communicate their ideas and plan by describing them to someone else including what the purpose is.

Make

- Can follow a design to make a puppet
- Can cut fabric
- Can join textiles together using the running stitch to make a puppet
- Can use simple finishing techniques - sewing on a button

Working with tools

- Can use tools such as scissors, needle and thread accurately and safely.
- Can thread a needle and tie a piece of thread
- Can join two pieces of fabric using a running stitch.

Evaluate

- Can use like and dislike when evaluating their puppet
- Can recognise what they have done well and talk about what could be improved
- Can assess how well their product works
- Can predict how changes will improve the finished product

Technical Knowledge

- To know that a template is a shaped piece of paper that is used as a pattern for cutting out.

Function

How it is suited to a given purpose.

Visual appeal

How attractive/eye-catching something is

Hand-made

Made at home, not commercially made

Fabric

Cloth

Texture

The feel or appearance of a surface

Panel

A side of something

Join

Fasten or stick together

Decoration

Adding things on to

Criteria

A standard that is used to judge something

User

The person something is for.

Successful

Works well for the intended purpose

Evaluate

To decide whether something has worked well.

- To know that a running stitch is a line of small even stitches that do not overlap.

What will I know by the end of the unit?

Design

- Can discuss and assess how functional and existing design is - Christmas stockings I.e.
 - Can it hold presents?
 - Does it look attractive?
 - Can it hang (Extension)?
 - Which do you prefer and why?
- Can apply what they know to create a design for an attractive seasonal stocking.
- Create an accurate labelled diagram

Make

- Can follow their design to make a seasonal stocking that looks appealing and holds a present
- Be able to use running stitch, back stitch and over stitch to make a product.
- Can use finishing techniques like embroidery and applique
- Can sew a mixture of buttons, beads, sequins and ribbons onto fabric accurately

Working with tools

- To thread a needle and secure the thread with a knot.
- Can join two pieces of material using a stitch (overstitch, running stitch and back stitch)
- Measure and cut out using centimetres
- Can select the most appropriate materials, tools and techniques to use and can use them safely

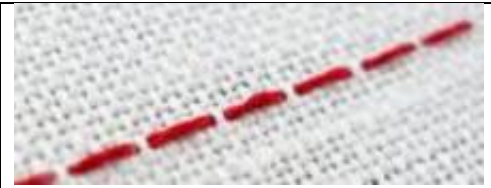
Evaluate

- Recognise what has gone well, but suggest further improvements for the finished article
- Suggest which elements they would do better in the future
- Can assess how well their product works in relation to the purpose

Technical Knowledge

- To know that a backstitch is a method of sewing with overlapping stitches to form a solid line.
- To know that an over stitch is a stitch made over an edge.
- To know that applique is pieces of fabric sewn on to a larger piece to form a picture or pattern
- To know that embroidery is decorating fabric using stitches to apply thread or yarn to a piece of material

Running stitch



Over stitch



Back stitch



Zigzag stitch



Embroidery

Adding pattern onto fabric using stitches



Applique

Adding things onto fabric e.g. beads.

