Knowledge Organiser

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 | Function | How it is suited to a given |
| Can name and describe the features and | | purpose. |
| functions of an existing design | | |
| Can investigate ways to join pieces of material | Visual | How attractive/eye-catching |
| together | appeal | something is |
| Can make a design for a puppet that can be | | |
| worn on a hand | Hand-made | Made at home, not commercially |
| Can list and select the appropriate materials and explain their choices | | made |
| Can communicate their ideas and plan by | Fabric | Cloth |
| describing them to someone else including what | | |
| the purpose is. | Texture | The feel or appearance of a |
| Make | | surface |
| Can follow a design to make a puppet | | |
| Can cut fabric | Panel | A side of something |
| Can join textiles together using the running | | |
| stitch to make a puppet | Join | Fasten or stick together |
| Can use simple finishing techniques – sewing on | | |
| a button | Decoration | Adding things on to |
| Working with tools | | |
| Can use tools such as scissors, needle and | Criteria | A standard that is used to judge |
| thread accurately and safely. | | something |
| Can thread a needle and tie a piece of thread | | |
| Can join two pieces of fabric using a running | User | The person something is for. |
| stitch. | | |
| Evaluate | Successful | Works well for the intended |
| Can use like and dislike when evaluating their | | purpose |
| puppet | Cualuata | To docide whether as weathing had |
| Can recognise what they have done well and | Evaluate | To decide whether something has |
| talk about what could be improved | | worked well. |
| Can assess how well their product works Can and dist how shapes will improve the | | |
| Can predict how changes will improve the finished and that | | |
| finished product | | |

Technical Knowledge

- To know that a template is a shaped piece of paper that is used as a pattern for cutting out.
- 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.
 - o Can it hold presents?
 - o Does it look attractive?
 - o Can it hang (Extension)?
 - o 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 overstitch 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

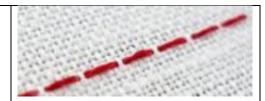
- To thread a needle and secure the thread with a knot.
- Can join two pieces of material using a stitch (overstitch, running stitch and back stitch)
- Measure and cut out using centimetres
- Can select the most appropriate materials, tools and techniques to use and can use them safety

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

Running stitch



Over stitch



Back stitch



Zigzag stitch



Embroidery

Adding pattern onto fabric using stitches



Applique

Adding things onto fabric e.g. beads.



- To know that a backstitch is a method of sewing with overlapping stitches to form a solid line
- To know that an overstitch 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





