**Year 1 Design and Technology Curriculum – Summer Term**

|  |
| --- |
| **Theme: Templates and joining** |
| **Curriculum objectives** | **Vocabulary** | **Links across the curriculum** |
| Projects on a page.Templates and joining.**Investigate.**Explore and evaluate a range of existing textile products relevant to the project being undertaken **Designing** • Design a functional and appealing product for a chosen user and purpose based on simple design criteria. • Generate, develop, model and communicate their ideas as appropriate through talking, drawing, templates, mock-ups and information and communication technology. **Making** • Select from and use a range of tools and equipment to perform practical tasks such as marking out, cutting, joining and finishing. • Select from and use textiles according to their characteristics. **Evaluating** •. • Evaluate their ideas throughout and their final products against original design criteria.**Technical knowledge and understanding** • Understand how simple 3-D textile products are made, using a template to create two identical shapes. • Understand how to join fabrics using different techniques e.g. running stitch, glue, over stitch, stapling. • Explore different finishing techniques e.g. using painting, fabric crayons, stitching, sequins, buttons and ribbons. • Know and use technical vocabulary relevant to the project. | **Keyword** | Definition  | **Keyword** | Definition  | **Science** – use knowledge of everyday materials to select appropriate ones for their products. **Art and design** – use and develop drawing skills. Use colour, pattern, texture and shape. **Spoken language** – ask relevant questions to build understanding and their vocabulary. |
| Applique | To attach decorative fabric item to another piece of fabric by gluing and or sewing. | Seam  | A row of stitches joining 2 fabrics together. |
| Embroider | To decorate fabric with stitiches | Sew | To join 2 pieces of fabrics with stitches. |
| Glove puppet  | A puppet which fits over the hand. | Template |  A shape drawn to assist in cutting out shapes. |
| Mock up | A model which allows children to try out ideas. |  |  |
|  |  |  |  |
| **Prior knowledge:** *What specifically have pupils learned that is relevant to this unit that they are building upon?* | **Future knowledge:** *What specifically will pupils learn in the future that is relevant to this unit?* |
| Explored and used different fabrics. • Cut and joined fabrics with simple techniques. • Thought about the user and purpose of products (Year 1 – Spring term) | Learn how to use oversew and cross stitch. |
| **Lesson Sequence** | **Key Knowledge** | **Key Skills** |
| 1. To investigate existing textile products
 | * Textile products have different ways of joining fabrics together e.g. sewing, gluing or stapling.
* Know how many parts it is made of.
 | * Explore joining techniques.
 |
| 1. To design a glove puppet for a child to play with.
 | * Know which techniques would be best to join the materials they choose for their puppet.
 | * Creative thinking
* Labelling skills on their design to show techniques and equipment chosen.
 |
| 1. To make a glove puppet for a child to play with.
 | * How to join fabrics and objects using running stitch.
 | * Sewing using running stitch.
* Cutting, gluing, stitching, stapling
 |
| 1. To evaluate the glove puppet.
 | * How effective the product was and how it could be improved.
 | * Evaluation skills.
* What went well … Even better if…
 |
| **Themes and links** |
| **Themes** | **Where these are covered:** |
| **Investigate** | * Lesson 1,
 |
| **Design** | * Lesson 2
 |
| **Make**  | * Lesson 3
 |
| **Evaluate** | * Lesson 4. How effective is the product?
 |