



## Lowerhouse Junior School Design & Technology Overview Sheet



### Year 5 – Textiles – create a letter banner using applique (to represent the school houses).



**Key Learning:** Pupils who are secure will be able to:

#### **Textiles (year 5)**

- Use the correct vocabulary appropriate to the project.
- Understand pattern layout and seam allowance.
- Decorate textiles appropriately (often before joining components).
- Pin and tack fabric pieces together.
- Join fabrics using over sewing, back stitch, blanket stitch or machine stitching (closer supervision).
- Combine fabrics to create more useful properties.
- Make quality products.

#### **Design**

- List tools needed before starting the activity.
- Plan the sequence of work e.g. using a storyboard.
- Record ideas using annotated diagrams.
- Devise step by step plans which can be read / followed by someone else.
- Use exploded diagrams and cross-sectional diagrams to communicate ideas.
- Sketch and model alternative ideas.

#### **Make**

- Make prototypes.
- Develop one idea in depth.
- Use researched information to inform decisions.
- Produce detailed lists of materials and tools.
- Use a computer to model ideas.
- Cut accurately and safely to a marked line.
- Use appropriate finishing techniques for the project.
- Refine their product – review and rework/improve.

#### **Evaluate**

- Consider user and purpose.
- Identify the strengths and weaknesses of their design ideas.
- Give a report using correct technical vocabulary.
- Consider and explain how the finished product could be improved related to design criteria.

Discuss how well the finished product meets the design criteria of the user. Test on the user!

### Learning Intentions

Lesson 1 - To understand the influence of famous individuals in the textile industry and research examples of applique.

Lesson 2: To design final product.

Lesson 3 – To plan final product.

Lesson 4 - To develop sewing and applique skills.

Lesson 5 - To apply sewing and applique skills to make final product.

Lesson 6 – To evaluate final product.

### Overview:

Lesson 1: Research examples of applique.

Lesson 2: Draw and label your design.

Lesson 3: Plan my final product.

Lesson 4: Practise sewing and applique skills using a prototype.

Lesson 5: Make final product

Lesson 6: Evaluate your final product.

### Cross Curricular Links

### Resources

Different coloured fabric, sewing needles, needle threader , different coloured thread, scissors, white background fabric for banner

### Key Vocabulary

seam, seam allowance, wadding, reinforce, right side, wrong side, hem, template, pattern pieces, name of textiles and fastenings used, pins, needles, thread, pinking shears, fastenings, applique