



# Linked learning theme: London Past and Presents

Autumn term 2 - Year 2

## **DT – Houses of Parliament Christmas products (calendars, stockings etc)**

### **Prior knowledge**

This is the first time that children will be sewing. In Year 1, children have threaded string through a hole when making bird feeders.

### **Core knowledge**

- A model can be strengthened and made more secure by selecting the appropriate material. A good structure has a firm base.
- Mock-ups and prototypes can be used to see what a product might look like and help to adapt the design before the item is made.
- Products must be functional and appealing.
- Products can be joined by sewing and using glue.
- Running stitch is performed by going up and down through the felt with the needle and thread.

### **Key skills**

- Design purposeful, functional, appealing products for themselves and other users based on design criteria
- Generate, develop, model, and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology
- select from and use a range of tools and equipment to perform practical tasks.
- Select from and use a wide range of materials and components, including construction materials, textiles, and ingredients, according to their characteristics
- Build structures, exploring how they can be made stronger, stiffer, and more stable
- Explore and evaluate a range of existing products
- Evaluate their ideas and products against design criteria

### **Vocabulary**

bend	purpose	stronger	
twist	use	base	sew
join	product	structure	design
stick		eye- catching	evaluate
		useful	

### **Learning Outcomes**

- I can explore existing products and how they have been made.
- I can link the product to its purpose.
- I can design products that are appealing, functional and purposeful.
- I can select materials from the range available according to their characteristics.
- I can perform practical tasks using a range of materials and tools.
- I can discuss how closely my product meets the design criteria.

