

**Bullion Lane Primary School**  
**Medium Term Plan for Design Technology**

Year: 1/2

Cycle: A

Term: Spring 2

Topic: Construct a model home

**Knowledge**

- **Link to a traditional story. ENGLISH LESSON**  
**To look closely at the witch's house.**  
 Recap the houses in H and G. What is H and G house like? Why? Compare with the witch's house.  
 What is the witch's house like? Why do you think it had sweets on the outside? Look at a few different versions of the witch's house.  
 Main: To describe the **witch's house**.  
 Think of noun phrases that could describe it.  
 LA SC: To write sentences about the house (with a picture to look at.)  
 MA SC: To write sentences with noun phrases to describe the house.  
 HA SC: To write sentences with noun phrases to describe the house. Powerful vocabulary encouraged. Plenary: Listen to some ideas.

**1. DT - Investigate houses:**

Can I name the main parts of a house?  
 Can I name different types of buildings and their features?

**2. Investigate techniques**

**Investigate** how to attach card to card in preparation for house construction. Explore different techniques to find the most suitable ways. Can I talk about strengths and weaknesses of different ways of making parts?

**3. Design and plan** our own houses.

Can I draw on my investigation of houses to inform my own design ideas?  
 Can I develop ideas for making a model house which has a purpose, and which reflects the original idea?  
 Complete design sheets with success criteria and planning sheets in preparation for model houses.

**4. Make a model house**

Can I construct a model by joining and combining 2D and 3D materials in appropriate ways?  
 Can I join parts effectively?  
 Can I construct a house with opening doors/ windows?

**Skills**

**Drawing, planning and communicating ideas**

\*Generate ideas by drawing on their own and other people's experiences.  
 \*Develop their design ideas through discussion, observation, drawing and modelling.  
 \*Identify a purpose for what they intend to design and make.  
 \*Identify simple design criteria.  
 \*Make simple drawings and label parts.

**Working with tools, equipment, materials and components to make quality products (including food)**

\*Begin to select tools and materials; use vocabulary to name and describe them.  
 \*Measure, cut and score with some accuracy.  
 \*Use hand tools safely and appropriately.  
 \*Assemble, join and combine materials in order to make a product.  
 \*Cut, shape and join fabric to make a simple garment.  
 \*Use basic sewing techniques.  
 \*Follow safe procedures for good safety and hygiene.  
 \*Choose and use appropriate finishing techniques.

**Evaluating processes and products**

\*Evaluate against their design criteria.  
 \*Evaluate their products as they are developed, identifying strengths and possible changes they might make.  
 \*Talk about their ideas, saying what they like and dislike about them.

**Vocabulary**

Attach  
 Join  
 Construct  
 Windows  
 2D / 3D  
 Measure  
 Score  
 Strength  
 Construct  
 Design  
 Equipment  
 House  
 Tools  
 Materials  
 Cut  
 Join  
 Fabric  
 Purpose  
 Plan  
 Evaluate  
 Model  
 Resources  
 Criteria

Gather resources needed to make houses. Practise attaching needed with pieces of scrap paper before using with card. Then make attachments to house. Add details and decoration to complete house.

Objective: To make houses using joining and attaching skills.

Intro: Recap the ways that we found to join properly.

Main: Make joins and other parts of the design. Start to make decoration to go on the outside.

5. **Evaluate model house**

Can I evaluate my finished house in relation to how well it works and how well it fulfils the design criteria?

--	--