Thundersley Primary School - Creative Topic Parameters

Design Brief: To design, make and evaluate a _____ (product) for _____ (purpose)

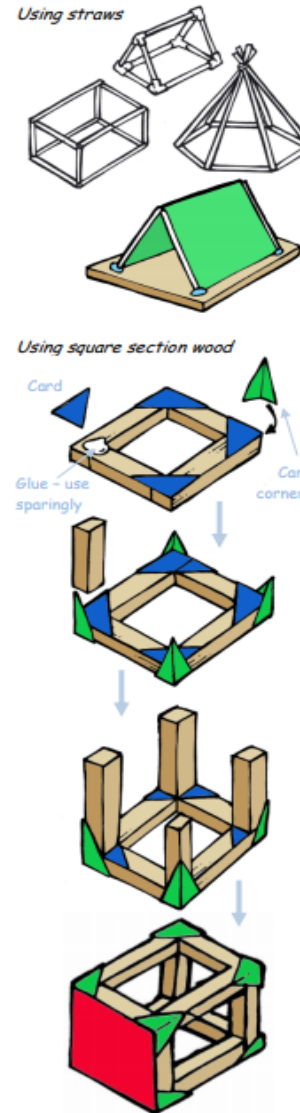| Design and Technology: Frame Structures	Year 6	Autumn / Spring / Summer

Design Brief

A design is a plan or drawing of something that you intend to make

⇒ Explore examples of frame structures (buildings / shelters / bird boxes etc.)

⇒ Design your own frame structure that is fit for purpose using a 3D Design computer software.

⇒ Confidently and safely handle tools and equipment to create your design.

⇒ Accurately and securely join your materials together

Evaluate

Reflect and evaluate your end product against the design criteria

⇒ I can talk about my design and plan and evaluate it against the design criteria. I can consider the views of others to improve my work.

Using straws

Using square section wood

Card

Glue – use sparingly

Card corners

Key Vocabulary

To be able to understand the meaning of...

* Framework
* Porotype
* Reinforcing
* Triangulation
* Hack saw
* 3D Design

Thundersley Primary School - Creative Topic Parameters		
Design Brief: To design, make and evaluate a _____ (product) for _____ (purpose)		
Design and Technology - Combining	Year 6	Summer

Design Brief

A design is a plan or drawing of something that you intend to make

⇒ Carry out research from your target audience to see which colours and designs are the most popular.

⇒ Explore and evaluate different joining techniques and fastenings that can be added to their product.

⇒ Understand the benefits of re-cycling materials and how to avoid waste.

⇒ Explore different materials and identify their properties and why they would be suited to a particular purpose.

⇒ Create a computer aided design (CAD)

⇒ Follow your design to make your product.

Key Vocabulary

To be able to understand the meaning of...

* Fastening
* Template
* Pattern pieces
* Recycling
* Computer Aided

Evaluate

Reflect and evaluate your end product against the design criteria

I can evaluate my finished product against the design criteria. I can explain what went well, what I would change if I did the project again and explain any changes that I made along the way.

Thundersley Primary School - Creative Topic Parameters		
Design Brief: To design, make and evaluate a _____ (product) for _____ (purpose)		
Design and Technology: Celebrating Culture and seasonality	Year 6	Autumn / Spring / Summer

Design Brief

A design is a plan or drawing of something that you intend to make

⇒ Explore dishes popular in (country TBD)

⇒ Taste and evaluate different dishes

⇒ Take part in a Roots to Food cookery lesson, learning the skills necessary to prepare and cook a dish from …

⇒ Record and reflect upon new skills learnt by creating a recipe card listing utensils, ingredients and step by step instructions.

⇒ Research the seasonality of the ingredients used in your dish and provide information in your recipe to help with produce selection (e.g. when it is in season, where it can be sourced from; local / fair trade)

⇒ Share recipe cards with members of staff so that they can re-create the dish.

Key Vocabulary

To be able to understand the meaning of...

* name of products / ingredients used
* names of equipment / utensils
* Vocabulary to describe taste / Texture / appearance / Aroma
* Cooking related vocabulary e.g. Simmer, dash, pinch

Evaluate

Reflect and evaluate your end product against the design criteria

⇒ I can reflect upon the feedback given by others and suggest what I could do / change to act upon this