

<u>Year Group:</u> <u>Year 3</u>	<u>Topic:</u> <u>The Egyptians</u>	<u>Term:</u> <u>Autumn 1</u>	<u>Main Focus:</u> <u>Shell Structure</u>
<u>Rationale For Topic:</u> In this unit children will be evaluating, designing and creating their own biscuit packaging with the aim of banishing broken biscuits! Children develop their designing skills through trying out ideas with materials to make a mock up before developing and drawing a design and planning their making. Making skills include techniques in cutting, shaping and joining to combine components, and by selecting tools and equipment to measure and cut accurately. This helps them gain an understanding of the working characteristics of the materials and components and how they can be combined to create different properties. Both the functional and decorative attributes in a finished product are considered, thinking about the user and purpose of their model.			
<u>Lesson Number</u>	<u>Learning Objective (s):</u>	<u>Success Criteria:</u>	<u>Brief outline / reasoning for sequence</u>
1	LO: To evaluate different types of packaging.	- I can Identify reasons for the packaging. - I can identify what makes it eye-catching. - I can identify what's important.	Children investigate a collection of different shell structures including packaging. Use questions to develop children's understanding. Children take a small package apart identifying and discussing parts of a net including the tabs. Provide opportunities for the children to judge the suitability of the shell structures for their intended users and purposes. Discuss graphics including colours/impact of style/logo/size of font e.g.
2	LO: To experiment with using a net to make a 3D shape.	- I can test different designs - I can join a net together to make a 3D shape - I can experiment with different ways to join a net	(FT) Children use kit parts with flat faces to construct nets. Practise making nets out of card, joining flat faces with masking tape to create 3-D shapes. Experiment with assembling in nets in numerous ways.
3	LO: To create CAD for my biscuit package.	- I can create a design brief - I can show that my design meets a range of requirements	Develop a design brief with the children within a context which is authentic and meaningful. Discuss with the children the uses and purposes of their shell structures. Agree on design criteria that can be used to guide the

		- I can make 3D shapes out of nets.	development and evaluation of children's products. The children will be creating annotated sketches and prototypes to develop, model and communicate their ideas for the product (CAD).
4 & 5	LO: To make my final product.	- I can use appropriate materials to make my biscuit package. - I can work accurately to make cuts and holes - I can join materials to make my biscuit package	Children will make their final products over these 2 lessons, following their CAD and ensuring graphics are to a high standard.
6	LO: To evaluate my final product.	- To think of improvements - To explain how an item could be made better or could be changed.	Children will evaluate their final products against the intended purpose and with the intended user, drawing on the design criteria previously agreed.