

LESSON 3: Design Brief, Research & Investigation

Who?: S3 Art and Design

What?: Scent Bottle Designs

Why?: To focus on **FUNCTION** and **SAFETY**

When?: All of June 2020

How?: **DESIGN BRIEF** and **R&I**

LIs: learning to *Investigate* someone else's design focusing on **FUNCTION**

LIs: learning to build up an effective individual **DESIGN BRIEF**

SCs: I can recognise how a designer considers **FUNCTION**, the purposes and jobs a design must do

SCs: I can understand why they different sections of the **DESIGN BRIEF** are important

Task 5: DESIGN BRIEF

Please take your completed Design Brief from Task 4. (This was an attachment called “N3-4 Design Brief Template”)

We want to check:

- you have selected a suitable Scent Bottle to re-design and filled in the “What are you designing?” box
- you have understood all of the boxes in the Design Brief Task, and filled them in with your ideas

Art and Design
National 3/4
Design Brief:

Name: _____ Class Teacher: _____

What are you designing? _____ Health & Safety: _____

Target Market: _____

Function: _____

Ergonomics: _____ Fitness for Purpose: _____

Materials/Costs/Sustainability: _____ Theme: _____

This Form is Very Important:
PLEASE STORE SAFELY IN YOUR FILES

- Arrange a suitable 10 minute slot for your teacher to discuss your choices with you

We are now ready to begin to RESEARCH & INVESTIGATE (R&I) of your individual project (Hooray!!!)

Now, take your drawing from Task 1
You have concentrated here on how it *looks* – its FORM
Now we concentrate on how it *works* – its FUNCTION
This sounds easy but it is not. See the example below

LID – MATERIAL is metal. Sterilised, Durable (Lasts longer than plastic) as bottle will be opened/closed many times during its 'life'. Metal recyclable

LID – Size fits in palm of hand, makes it easier to twist open
No grips or TEXTURE on edge, might be harder to open if wet - slippery

NECK – Bottle width narrows to slow down the speed of the sauce as it flows

BODY – has 8 edges/faces
= easier to hold/grip = SAFE

BODY – circumference of bottle = average hand size grip = Comfortable, SAFE hold for pouring

BODY – MATERIAL is glass. Sterilised, Transparent so you can see contents, easy to shape, Stores in fridge for freshness, Fully recyclable
Fragile, Slippery when wet - SAFETY

BASE – is wider than the top = more weight at bottom = steady, balanced, SAFE



Task 6: FUNCTION - Using your own drawing from Task 1, try to label like the example above. Think about the way the bottle **WORKS**. You can write on your drawing by hand/ photograph it and insert into a doc as I have.

Please then send by Teams/Email