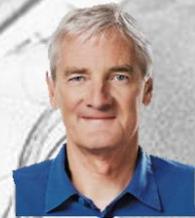




BRAUN



'As designers, we have a great responsibility' Dieter Rams

DESIGN AND TECHNOLOGY: BRIDGING ACTIVITY

Over the summer holidays, as much as you will need to rest, you should also be thinking ahead to upcoming year... A Levels!

In order to return to school without forgetting everything you have learnt, you should complete the following tasks.

It is important that you all complete all these tasks to the best of your ability. I want the other members of the class to be envious of what you can produce – we will be comparing work side by side.

Task 1 – Kettle Design Task

Create a mini A3 portfolio based around designing a kettle. The design, materials, selling points and unique features are all down to you, so take some time to pick the best you can.

What you will need to include:

- One page of initial ideas with at least three different ideas.
- One page of development showing improvements, features, materials etc.
- One page dedicated to a final design. This page should have a fully rendered design as well as an orthographic drawing of your design with measurements.
- Each page should have a boarder, a title and your name included.
- One prototype made to scale. Check against your measurements!

This mini portfolio can be laid out in a similar way to how you presented your GCSE work; however, I will appreciate and commend anyone who tries to be as creative as possible with his or her presentation.

I would expect you to spend no more than 6 hours in total on this task. Bring your pages and prototype to the first lesson ready to present.

Task 2 – Forged in Fire

Find and watch an episode of 'Forged in Fire'. As you are watching, I would like you to take notes of things you learn about the materials and processes that appear on the particular episode that you have selected. This will mostly include information about metals, handle materials and ways of working within a workshop.

This information should be presented informally on A4 paper. I would also like you to include the name of the episode you managed to watch, E.G. Season 6 Episode 7 – 'The Javanese Kris'.

The purpose of this task is to show that information can be learned informally through how you chose to spend your time.

This should only take one hour, however feel free to watch more episodes if you end up enjoying it.

Task 3 – Disassemble / Assemble

Chose a product at home that you no longer have a use. It may be that you no longer use that particular gaming controller, or you have just bought a new cabinet and it needs building.

I would like you to take pictures of the process and present them informally on an A4 page, focusing on how easy / hard it is to do.

Please do be careful, I do not want you to hurt yourself whilst doing this process. Some things have been designed in such a way that they are not meant to come apart.

Depending on what you choose to disassemble or assessable, will depend on the time that it takes. Include the overall time to complete somewhere on the page.

Challenges

Challenges are not compulsory, however it would be good to see some of you complete some or all of them.

Challenge 1

- Find both an **embossed** and **debossed** business card and bring them in.

Challenge 2

- Create, out of wood, one or two of the following wood joints:

<u>Hard</u>	<u>Medium</u>	<u>Easy</u>
Dovetail Joint	Housing Joint	Comb Joint
Mortise and Tenon Joint	Half Lap Joint	Dowel Joint

Again, please follow the health and safety rules when using any tools and equipment. If it is not safe for you to do, then do not do it.

Some useful websites include:
www.Technologystudent.com
www.wired.com/category/gear/

Some interesting YouTube channels include:
A2C Arts And Crafts
Be Creative