

Design

Task – ‘Green’ Burger Packaging

Task – To Produce a ‘Green’ Burger Box

A fast-food takeaway company has decided that “Green” Issues are now important, as customers have been making comments about this on social media. One way of supporting this is, is by improving the type of packaging they currently use to hold their burgers.

At present they use a non-biodegradable material, which is difficult to dispose of, but is a good insulator, keeping the burgers warm.

However, they wish to replace this with some form of paper/card-based product.



Aim:

Your task is to re-design the packaging for the burgers, and you will need to consider how to project the “Green Awareness” image that the company wishes to put over as well as resolving the need to keep the burger warm.

The Outcome:

New packaging promoting ‘Green Awareness’ for the range of burgers they offer fully realised

Evidence:

You must produce minimum:

Sheet 1

Analysis Sheet – List out main issues, either as a mind-map or brainstorm format, followed by relevant research, which should then be analysed. All points must relate to supporting and helping the designing.

Sheet 2

Ideas Sheet – A wide range of ideas explored, drawn in 2D or 3Dn using any drawing method you wish and supported by clear notes explaining your thinking.

Sheet 3

Net/developments sheet – research and possible nets that can be used as well as information with regards to keeping the burgers warm

Sheet 4

Final Solution Sheet – The final solution accurately drawn out with measurements. There should be notes on materials to be used and possible production methods.

Model

Made up net with full graphics





Restrictions

3 Sheets minimum

Sheet Size - A3 only

Colour is necessary

ICT can be used

Fold outs can be used

Assessment:

The marks will be for the

1. Research 20%
2. Design Ideas 20%
3. Net/Development sheet 20%
4. Final Solution Sheet 10%
5. Presentation 10%
6. The quality of the final outcome/model. 20%

Hand in Date – Friday 5th September 2025 – by 4.00pm

Planning for Next Year

**Essential Equipment needed by students:**

* USB pen or access to a OneDrive/iCloud Account
* Range of HB/B Pencils
* 300m or 500mm Rule
* Colouring pencils
* Compass
* Sharpener
* Eraser

Items above are needed every lesson

**Extras supplied to students by the department**

* A3 Card Folder, stored at school – Each group has a designated box
* A4 Card Folder to store notes and information
* A3 Plastic Flip File to be issued for assessment

**Extra Requirements**

* Mobile Phone with scan app, such as Adobe Scan
* A3 Carrying Case – To bring work to and from home
* A4 Carrying Case/Plastic Wallet for design work
* A4 Folder for notes and resources
* Computer & Email Access
* Minimum 5 hours a week extension time – work issued in class, with additional copies online

**Google Sketchup**

* Use the resources on Sketchup from the DT website, have a go and see what you can create!

ICT & Design Studios can be accessed at school during lunchtime, before and afterschool

**Support Mechanisms**

All assignments, resources, homework tasks and any additional materials will always be posted on the DT website. It also has a dates and information page for major events and deadlines. Students can contact staff through their school email if they need further assistance.