



CHAIR & SEATING DESIGN PROJECT

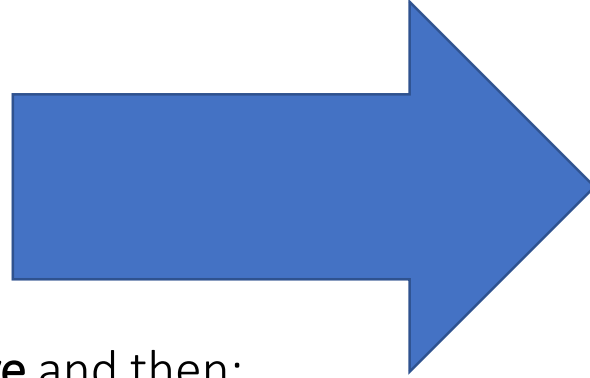
Student name = _____



DESIGN CONTEXT

This project requires you the designer to create a new and innovative chair design. The design you come up with should be suitable for one of the following locations.

1. Beach or swimming pool
2. Dining room or restaurant
3. Library or waiting room
4. Airport or railway lounge



Chose one of the options above and then:

- research the space seating will be placed into.
- Describe what users in each place need for seating.
- What are the practical requirements for seating in your choice of space?

Write your choice of space here to indicate what kind of chair or seat you will design.

Design Brief -

I will design a chair or seating which will be used at



TASK 1 - Instructions

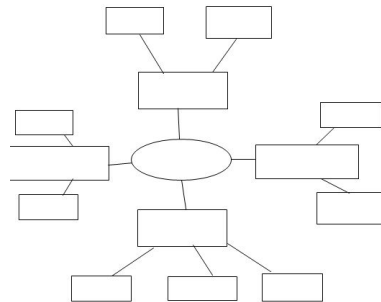
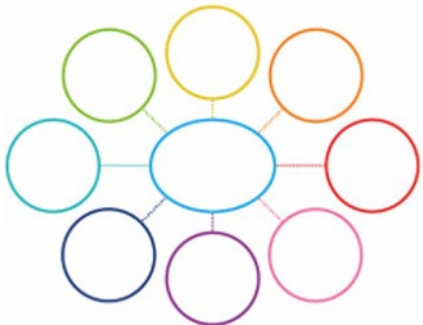
Location research / user needs / practical seating requirements.

1. Beach or swimming pool
2. Dining room or restaurant
3. Library or waiting room
4. Airport or railway lounge

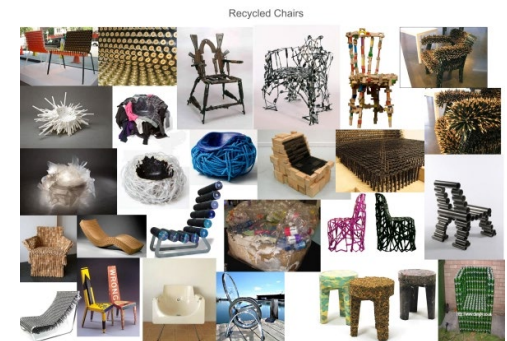
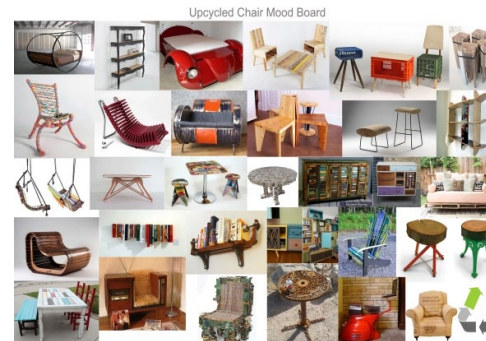
Chose one of the options above and then create a mind map or a mood board which includes

- research of the space seating will be placed into.
- descriptions of what users in each place need for seating.
- lists the practical requirements for seating in your chosen location.

Sample mind maps



Sample mood boards



TASK 1 – mind map or mood board

Either - A Mind Map - OR - A Mood Board add them below.

TASK 3 – Design sketches - development

Idea development – choose your best design and make it better.

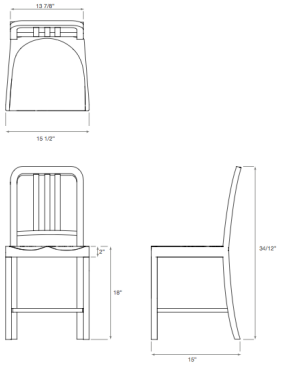
Think about the shape, comfort of the user, size, scale of production, materials used to make it and how it will be made.

TASK 4 – Final Design

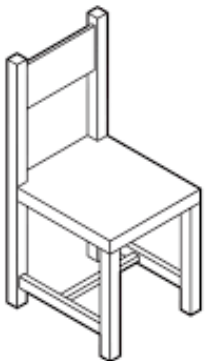
Final Design – Draw your final idea from different sides / draw it in Isometric or Orthographic

If you draw it in 3D Isometric – make sure to take your time to get it right. Add colour to enhance the drawing.

ORTHOGRAPHIC



ISOMETRIC



TASK 5 – Model

Using materials like card and paper build a model of your design. Photograph your model and paste it on this page.

TASK 6 – Production Plan

Describe the basic stages of making – include quality control checks.



STAGE OF MAKING	Part(s) used	Tools, materials & processes used. (Example – Pilar drill, hole drilled for dowel)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

TASK 7 – Evaluation

The final stage for this project is to evaluate what you have done.

1. What do you think of the overall design ? What changes would you make ?
2. Are you happy with the materials you chose ? What other materials could you have used?
3. Did the project take too long to make ? How could you speed up the process if you were making a full size prototype?
4. Would it be easy to set up a production line for the manufacture of your solution ?
5. Is your solution safe ? Could it be made safer ?

TASK 7 – Evaluation

The final stage for this project is to evaluate what you have done.

6. Are the techniques you used to make your solution adequate or would you use a different manufacturing technique ?
7. Is the solution the right size/shape ?
8. What are the views of other people regarding your design ?
9. Would it work in a real location? What changes are required ?
10. What mark would you give it out of 10? – be honest and self critical if you think it could be better.