

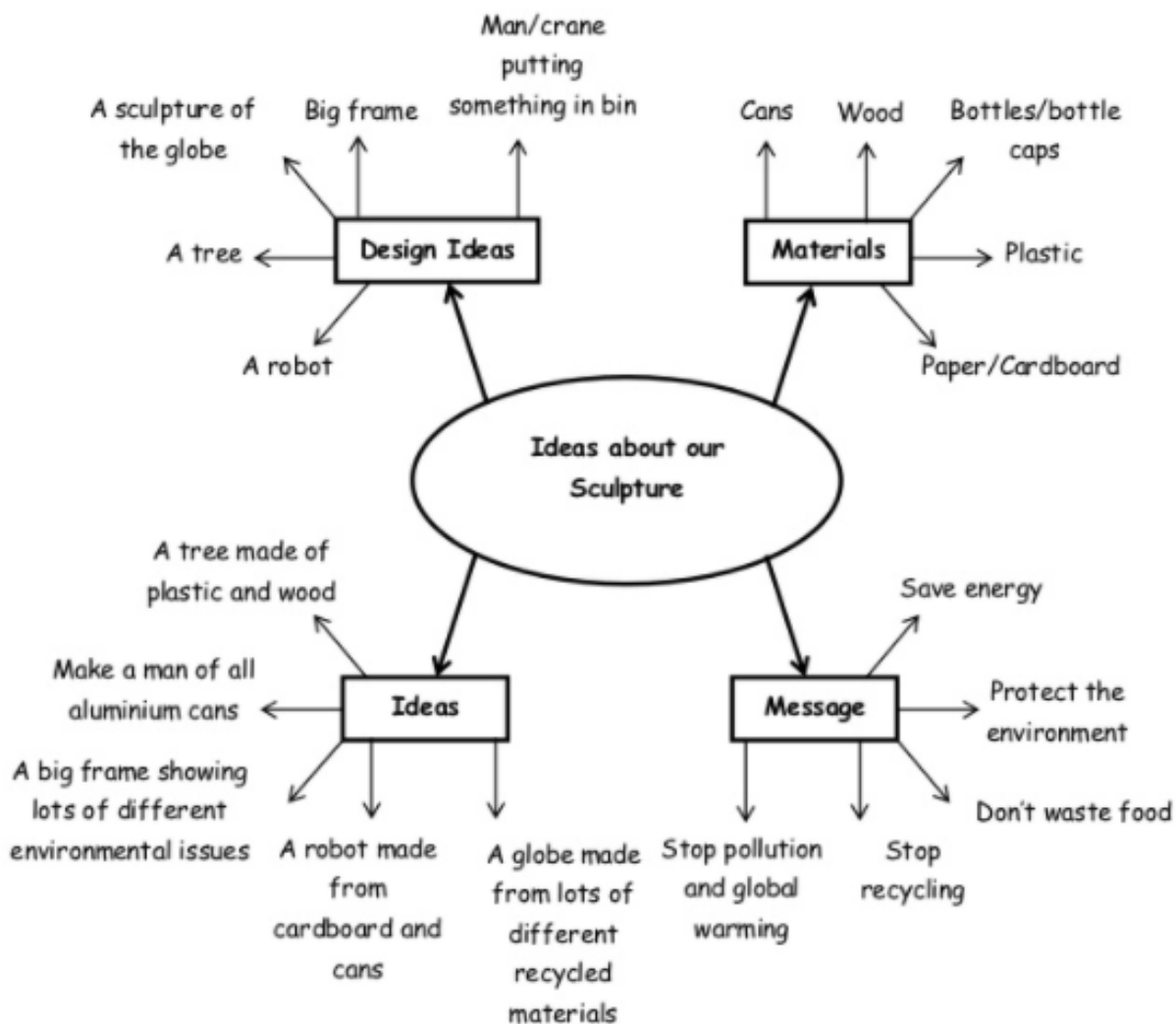
## TECHNICAL SKILLS - COVID-19 PRODUCT DESIGN - 'Kitchen cupboard' MODEL MAKING

**Brief** - To design and make a sketch model using materials found in your 'kitchen cupboard'. In this mini project I want you to design a 'Covid-19' product or piece of furniture that serves a purpose for people self-isolating at home during the outbreak. This product can serve a purpose and be functional, it can be mindful, medical or simply for comfort at this time of discomfort.

. To start you will brainstorm ideas for each possible product purpose listed above.

. You will then discuss with the tutor and other class members your initial ideas and receive feedback from everyone, with this feedback it will help you select what initial idea's you wish to develop further.

Brainstorm Example:

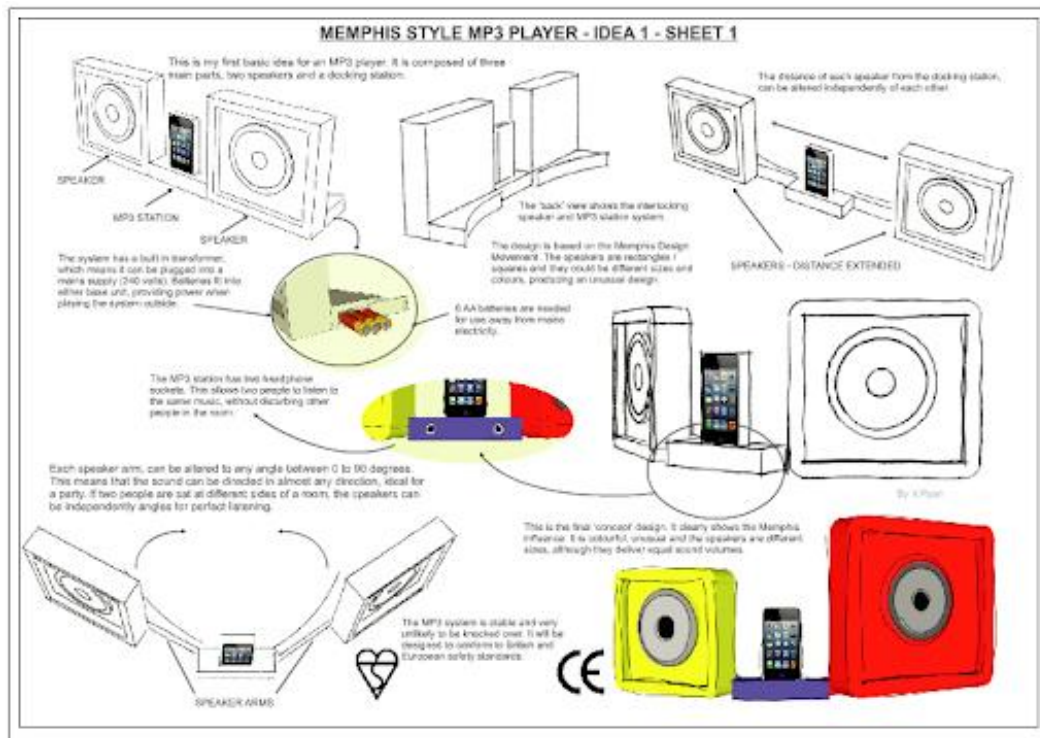


. Start to draw some of your ideas- at least 3-5 drawings, label the features and make some notes briefly describing each design concept. Think about Why, how, who, what.

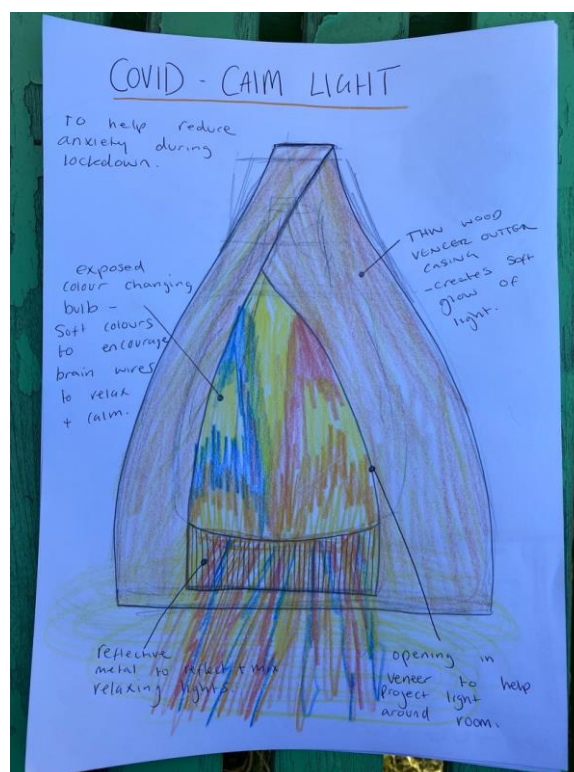


. You will then discuss with the tutor and other class members your designs and receive feedback. Make notes of the feedback and use this to help you selected your chosen design concept.

. Develop this final idea through some more detailed drawing, try adapting it, changing it, tweak it until you are satisfied it is finished. Draw this final idea on A4 and annotate the functional aspects of the design and write a brief paragraph explaining the design. Again, think of who is it for, why is it for them, what is it made from, how is it made?



. You will then present this final idea to the tutor and the other class members, a short presentation outlining the functions of your design and the reasoning behind the design – you may read from your paragraph and point to the functions on your drawings. No feedback will be given at this point.



. Now you will invade your 'kitchen cupboards' and look for materials you can use to create a sketch model of your design. A sketch model is quick exercise designers do when realising their ideas. Making a mini model out of cardboard, plastic and anything else you can find. When you have gathered a selection of materials you can start to get creative. Make sure you think about measurements, you want the design to be cohesive, even though it's a rough model. Use glue and tape to combine the parts of your design.



(sketch

model prototype example)

. Once finished you will present your mini model to the tutor and the other class members. Explain the sketch model, what you like about it, what you would improve and what part of the entire process you enjoyed the most and what part you disliked. Make notes of your feedback. The tutor will then award you with a grade out of 5 for each section of the project.

. The class will vote on their favourite design and describe why it is their favourite. The most popular design will win the designer a box of Maltesers. Hoorah !

### **Materials needed -**

- . Pen/Pencils - Coloured pencils a bonus but not essential
- . A4 paper
- . Scrap materials, cardboard, plastics, wood, metal, fabrics anything usable in your 'kitchen cupboards'
- . Scissors
- . Super glue and/or Sellotape