MP3 PLAYER / STATION - SCALED MODEL - SUMMARY - SCALE 1:2 WORLD ASSOCIATION OF TECHNOLOGY TEACHERS https://www.facebook.com/groups/254963448192823/ www.technologystudent.com © 2017 V.Ryan © 2017

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PVA, sellotage / double sided tape and craft

Basic equipment needed for making the



This is the front of my MP3 station. I added two disks that represent the speakers. They were made from the same corrugated card and painted. This helped me experiment with the positions of each speaker, the equaliser and

controls.

making.

CORRUGATED CARD MODEL

I modelled one of my ideas using corrugated card. I

The corrugated card was recycled from boxes and I found it ideal for the first stage of modelling.

made a rough model so that I could test my basic

I tried round buttons and used clipart as the graphic equaliser. I decided on the best arrangement for the buttons, speakers and equaliser and glued the parts together usina PVA.

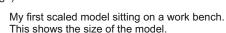
The body of the MP3 station was the most difficult to make. The corners were made by folding each corner with the aid of a steel ruler and steel tube. This gave the size of curve I needed. I used sellotage to hold the piece together. I guite like the width and height measurements, although I may alter the depth, so that it is slender in appearance.

> I used an image from the internet and glued it onto card, to make the MP3 player. When I place it on the top of the MP3 station, it will enable me to work out the best position for the customer

corrugated card box. The slots in each side were cut with a craft knife. The three parts were glued together with PVA. The 'through housing joint' proved suitable for card and it will be suitable for the real product.

I cut the legs and supporting rail from a side of a

(ergonomic design).



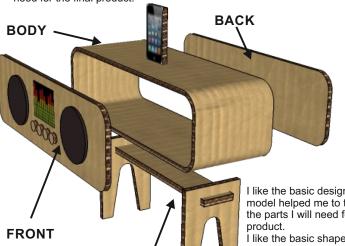


When the main parts were ready, they were glued together, with the aid of a limited amount of sellotape.

Go to http://www.technologystudent.com/designpro/despro1.htm

This helped me work out the number of parts I will need for the final product.

LEGS



like the basic design. Making the model helped me to think about all the parts I will need for the real

I like the basic shape, although I will need to think carefully about the final colour scheme.

I could refine the detail, possibly adding Art Deco or even Memphis features.



The legs may need to be stronger and this could be achieved by adding another rail.

Making the model made me think about the materials I could use for the final product. This design would be best suited to plywood including flexiply, as it has all the properties I need.



FOCUS GROUP SUGGESTIONS

A focus group composed of other pupils, suggested putting the buttons on the top, making it easier to access them. It was suggested that legs may not be needed, but they could be an option. The MP3 player may be more popular if it was supplied in a range of colours.

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