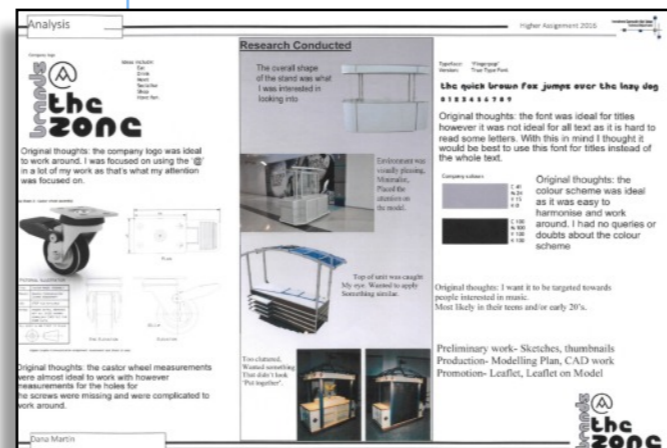


Higher Graphics Assignment Preliminary graphics

Important!

By now you should have produced a rough draft of your project analysis. You must refer to it throughout this exercise, to inform you of the choices you make regarding your chosen graphics, technical details, colour etc.



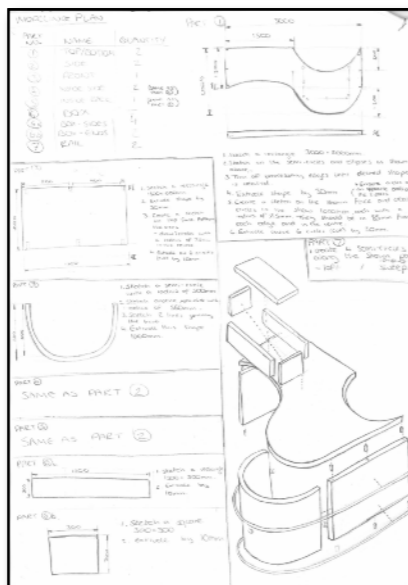
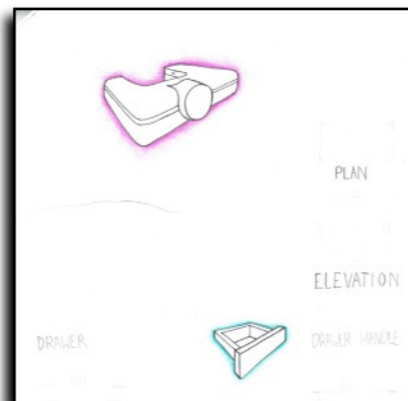
Submission date: **Tuesday 25th October**

This homework exercise asks you to initially produce **5 areas** of the Preliminary Graphics section for your Assignment.

- You should expect to use approximately 4 - 5 A3 pages to do this.
- Refer to the Assignment document guidance to assist you.

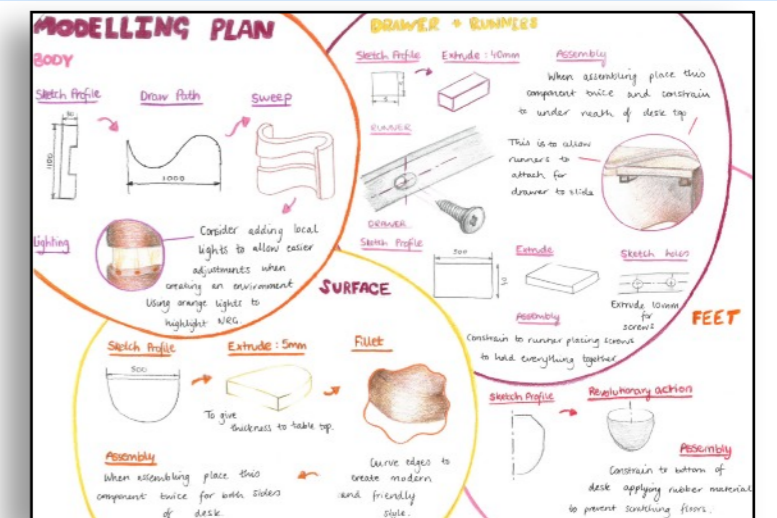
Component orthographic and pictorial views

- This should cover a selection of parts, but don't try to include all. 5 or 6 will be sufficient.
- All orthographic views should be dimensioned correctly in line with BSI conventions, with borders and title boxes also present.



Modelling plans of some parts

- You are not expected to produce one for each part, 3 or 4 shall be adequate. You must include sufficient detail to enable someone to produce a model based on this information i.e. sketches, dimensions, techniques and edits.
- Choose at least one part which involves the use of helix, loft, extrude along a path or revolve.

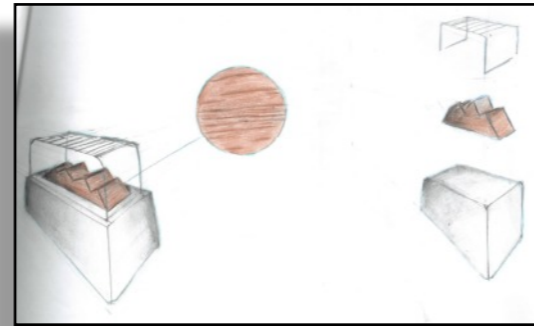
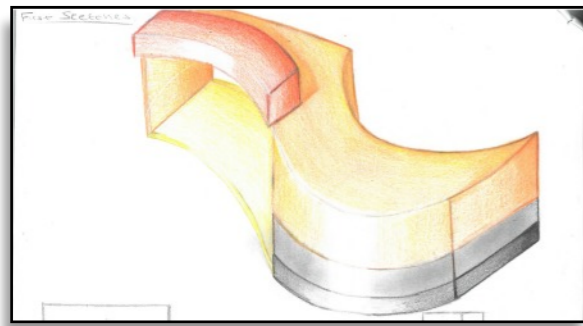
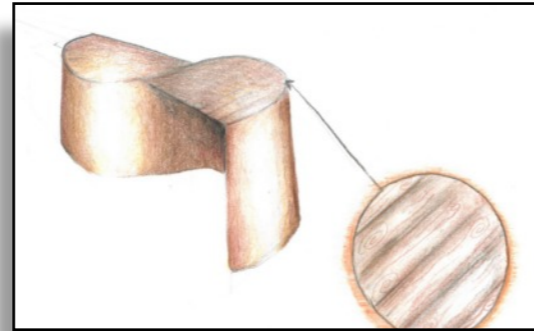


Higher Graphics Assignment

Preliminary graphics

Material/ texture/ light source

- Include 2 - 3 pictorial views, rendered to illustrate specific materials used i.e. wood, plastic, glass, metal.
- It is permissible to render views you have already included elsewhere if they are large enough to render effectively.



STEP File incorporation

- Sketches and technical detail to demonstrate how the STEP file you have been given fits into your model.
- Include details of assembly such as size of holes required, screws/ bolts used, etc.



Technical detail

- This should take the form of exploded views, sectioned assemblies, detailed views, cut-aways, range of movement or anything else you feel would enhance the technical aspects of your model.

