

GCSE Product Design & Textiles Assessment Objectives

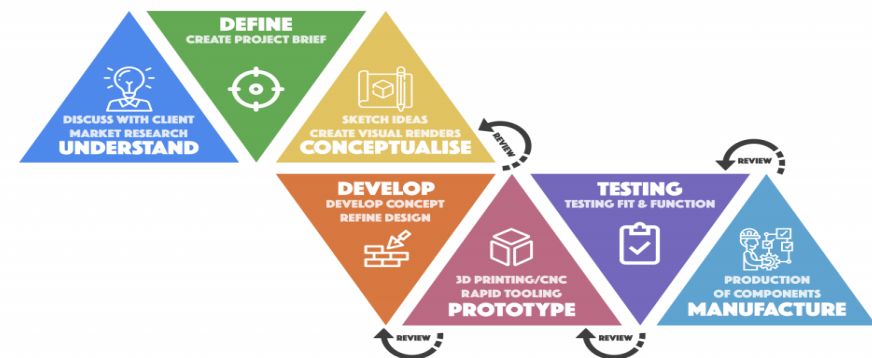
Identifying design possibilities

- You need to undertake thorough and effective identification of opportunities for the development of designs within the prescribed context.
- You need to undertake detailed, relevant research and investigation, clearly linked to the context and, where appropriate, the work of past/present professionals and companies.
- You need to undertake detailed and effective analysis of information, reflecting the needs, wants and values of clients or potential users.
- You need to identify a broad range of problems/opportunities to clearly inform the development of possible design briefs.

Developing a design brief and specification

- You need to fully consider a range of problems/opportunities before deciding upon a final design brief.
- You need to demonstrate a very good understanding of the task ahead and the requirements which have to be met, to satisfy the needs, wants and interests of potential users.
- You need to have written a design brief, relevant to the context, based upon a thorough analysis of your research and investigation.
- You need to have written a detailed, relevant specification, including a range of objective and measurable criteria, to direct and inform the design and manufacture of a prototype.

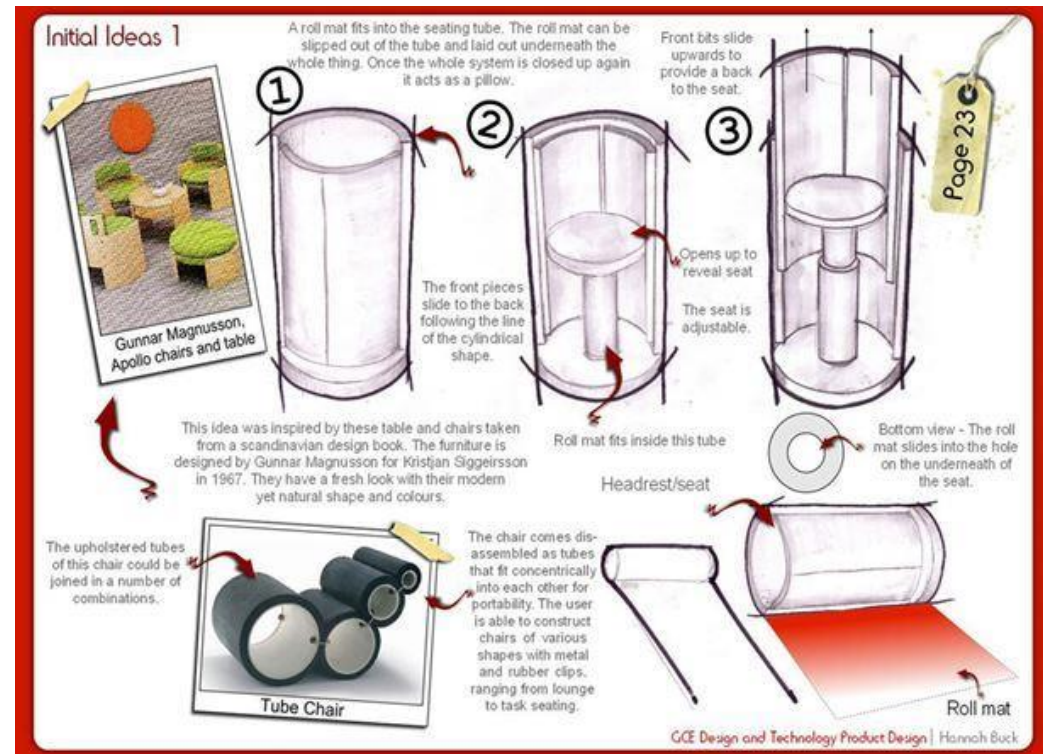
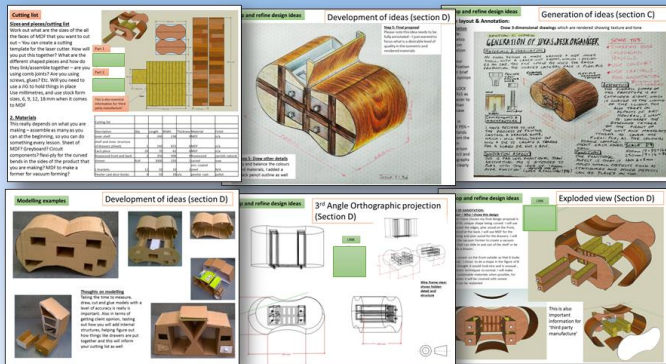
PRODUCT DESIGN PROCESS



Evaluating a prototype's fitness for purpose

- You need to have undertaken a critical, objective analysis, evaluation and testing of your ideas and decisions whilst applying iterative design processes.
- You need to have undertaken a critical and objective evaluation and testing of your final prototype, considering the views of potential users.
- You need to have responded to feedback and clearly identified the potential for further development of your prototype, with detailed suggestions for how modifications could be made.

GCSE DESIGN AND TECHNOLOGY SECTION C & D NEA



Useful Websites:

<http://www.design-technology.info/home.htm>

<https://www.technologystudent.com/>

https://www.wjec.co.uk/qualifications/design-and-technology-gcse/#tab_keydocuments

