GCSE Product Design Project Checklist Name:

Page	Description	Completed
Investigating the Design Context – 8 Marks		
Front Cover *1 Page*	The coursework coversheet with your name, your teachers name and GCSE Product Design written clearly. You can also include a picture of your finished project.	
Context and Design Brief *1 Page*	Which Context and Task have you chosen? Explain. The Design Brief is a short statement describing what you intend to design and manufacture.	
Task Analysis *1 Page*	Investigating the context and task. Establishing areas that you may need to research. You can use ACCESS FM to	
Identify a Target User *1 Page*	A profile of the intended customer for your product. Who is the customer? What are their needs? Do they have any specific needs?	
Mood Board *1 Page*	A selection of images and notes that represent the context and task you have chosen. This will be a source of inspiration and ideas. The images must be linked to your theme.	
Product Analysis *2 Pages*	Product Analysis is where you investigate existing products. You can use ACCESS FM as a method of analysing products. You will need to analyse at least 4 existing products.	
Research linked to the task *2 Pages*	You will need to carry out research that is linked to your chosen project. This will vary depending on the project that you have chosen.	
Design Specification *1 Page*	The Design Specification is a list of requirements that your product must meet. You can use ACCESS FM to complete the specification. In Section 4 you will need to evaluate your finished project against these specification points.	
Development of Design Proposal – 32 Marks		
Initial Design Ideas *2 Pages*	A wide range of drawings/sketches that explore ideas for your project. Each idea should have a short explanation and some notes/labels added to explain the idea. You will need to create between 4-6 initial ideas for your product.	
Evaluating Design Ideas *1 Page*	Evaluation of your initial design ideas against the original Design Specification. Do the design ideas meet the needs of the user, the design brief and the design criteria?	
Wider Issues *1 Page*	You will need to research and explain the social, environmental and safety issues associated with your product.	
Design Development *2-4 Pages*	The best idea(s) from the evaluation task above will be developed into a final design. Development work must show how you have developed the product from an initial idea into a viable final design.	
Materials, Components and Manufacture Methods Research *1-2 Pages*	Now that you are beginning to develop your idea you can begin to research materials, components and possible manufacturing methods that could be used. Provide key information on these aspects and explain how they could be used in your project.	
Research Summary *1 Page*	Provide a summary of the research that you have carried out throughout the Investigation and Development stages. What have you found out? How will this help in developing a suitable product that meets the Design Brief?	

Modelling *1 Page*	As part of your development work you will need to create a small-scale model from card (or similar) showing how the final product will look. CAD can be used in addition to card modelling.	
Final Design Proposal *1-2 Pages*	A final design drawing showing what the finished product will look like with sizes, details of materials and notes added. This could be done using CAD.	
Manufacturing Specification *1-2 Pages*	Detailed planning explaining how the product will be manufactured. You will also need to explain quality control checks and tolerances etc.	
Making – 32 Marks		
Making photo story *1-2 Pages*	A photo-story showing the development and manufacture of your project. This also needs to include evidence showing your use of CAD/CAM.	
Finished Practical	Commercially viable, completed practical piece that demonstrates a high level of skill and a range of manufacturing techniques.	
Quality Control *1 Page*	Evidence of any quality control checks carried out during the manufacture process. This may include jigs, templates, test rigs and measuring aids etc.	
Testing and Evaluation – 12 Marks		
Evaluation *1-2 Pages*	A detailed evaluation of the completed product and project against the Design Specification.	
Third-Party Testing/Evaluation *1 Page*	Evidence of the target user testing/evaluating the product. Preferably including photographs.	
Modifications *1-2 Pages*	Identifying any changes you would like to make and considering how the product might need to be modified for commercial production.	

Communication and Presentation – 5 Marks

There are 5 marks available for the presentation of your work.

- Your work should be **concise** and **relevant** to the design context and design task - No more than 25 pages.
- You may **lose marks** if you include too much irrelevant information.
- All of your work is **presented neatly** and clearly.
- Your **written work is legible** (easy to read) and shows a good grasp of spelling, punctuation and grammar.
- You have **not copied and pasted text** from other sources and included this as your own work.
- Any copied images or text must be **appropriately referenced**.