



WELSH JOINT EDUCATION COMMITTEE

GCSE DESIGN & TECHNOLOGY Sample Assessment Materials

CONTROLLED ASSESSMENT TASK

SECTION A DESIGNING WORKBOOK

NOTES

Candidates are required to complete one **30 hour** design, make and evaluate task.

The task is divided into two sections. Section A is concerned with designing the product and Section B is concerned with planning, making and evaluating the product.

The task is time limited and teachers are required to monitor and verify this time limit.

Candidates will not gain additional credit by exceeding the time limit.


Section A of the task should be completed in about **10 hours** supervised time.

All graphical and written work entered for this controlled assessment must be submitted on the pre-printed pages provided.

Section A must not exceed the 11 **A3** pages provided.

Candidates are free to use ICT applications where they are appropriate.

THESE PAGES ARE TO BE USED A3 SIZE

WJEC DESIGN & TECHNOLOGY CONTROLLED ASSESSMENT TASK	CENTRE NUMBER _____	CANDIDATE NAME _____	CANDIDATE NUMBER _____	Date Page Started _____	Date Page Finished _____	Time Taken for Page _____	Total Time _____	PAGE 1
State the Initial Design Brief that you are going to solve.			Provide details of the results of your analysis of a competitor product.					
Provide details of the Target Market for your product.								
Provide details of the results of the research that you have carried out into the problem.			State the Final Design Brief that you have decided on.					
Teacher's Justification SAM								FINAL MARK 

Write a detailed Design Specification for the product you are going to design.

WJEC DESIGN & TECHNOLOGY CONTROLLED ASSESSMENT TASK	CENTRE NUMBER _____	CANDIDATE NAME _____	CANDIDATE NUMBER _____	Date Page Started _____	Date Page Finished _____	Time Taken for Page _____	Total Time _____	PAGE 3
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Use this page to present up to four initial design ideas for the product.
Ideas are to be sketched to clearly show details of the ideas and notes added to explain your ideas.

Use this space to draw your best idea. Make your drawing as realistic as you can. Add notes to explain how it works and what it is made from.

You now need to get the views of others.

PARTNER 1

Do you agree that this is the best idea.

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Explain how you think the idea can be improved

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PARTNER 2

Do you agree that this is the best idea.

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Explain how you think the idea can be improved

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State if you agree with your partners. Give reasons for your decision.

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Now you have thought about your partners comments make an annotated sketch of the final idea that you are going to develop.

Explain why you think it is the best idea.

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TEACHERS GUIDANCE.

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Develop your chosen idea to improve its Form, Appearance, Style, Suitability and Function.

TEACHERS GUIDANCE.
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Develop your chosen idea to find the best use of Materials / Ingredients and Components.

TEACHERS GUIDANCE.

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Develop your chosen idea to find the best Construction.

TEACHERS GUIDANCE.
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Develop your chosen idea to work out the sizes, quantities and costings of materials that will be needed to make the solution.

TEACHERS GUIDANCE.
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Develop your chosen idea to consider the finish and quality issues to make sure you make a good product.

TEACHERS GUIDANCE.
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Teacher's
Justification
SAM

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FINAL MARK


Make a high quality presentation drawing of your final design.

Make a full presentation of the final technical details of your design.



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SECTION B PLANNING & EVALUATING WORKBOOK

NOTES

Candidates are required to complete one **30 hour** design, make and evaluate task.

The task is divided into two sections. Section A is concerned with designing the product and Section B is concerned with planning, making and evaluating the product.

The task is time limited and teachers are required to monitor and verify this time limit.

Candidates will not gain additional credit by exceeding the time limit.

Section B of the task should be completed in about **20 hours** supervised time.

All graphical and written work entered for this controlled assessment must be submitted on the pre-printed pages provided.

Section B must not exceed the **3 A3** pages provided.

Candidates are free to use ICT applications where they are appropriate.

THESE PAGES ARE TO BE USED A3 SIZE

THIS WORKBOOK IS TO ACCOMPANIED BY THE MANUFACTURED PRODUCT

Make a full plan of the stages and processes necessary to manufacture the product.

TEACHERS GUIDANCE.
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Make a full evaluation of the final product comparing it with the initial intention. The evaluation must be a piece of continuous writing

Now that you have evaluated your final product put forward suggestions for improving the design and also suggesting any improvement of the manufacture to ensure a better quality product.

WJEC DESIGN & TECHNOLOGY CONTROLLED ASSESSMENT TASK	CENTRE NUMBER _____	CANDIDATE NAME _____	CANDIDATE NUMBER _____	ADD ANY PHOTOGRAPHS TO SUPPORT THE MAKING ON THIS PAGE	PAGE 15