

GCSE Design & Technology

Designing and making: product analysis 1



Look at the image of this torch and try to answer the following questions. Be aware of the different levels of thinking and analysis that each question requires and try to avoid a simple yes/no answer.

As a starting point, you can find further information about this object [here](#).



Materials:	
What materials is this product made from (try to be specific)?	
Why do you think those materials were chosen?	

Manufacture:	
What processes were used to make this product?	
Was the product made as a single piece or did it involve sub-assembly?	

Function:	
What is this product intended to do?	
Do you think this product performs well?	

Form:	
Do you like the way this product looks?	
How could it be improved, aesthetically?	

Ergonomics:	
How does this product fit the user's needs?	

Sustainability:	
How might the making of this product impact on the environment?	
Could this product be recycled when it is no longer wanted?	

Competition and cost:	
Does this product represent value for money?	
Who is the intended consumer for this product?	

Evaluation:	
How effective do you think this design is?	