

# PRODUCTS AND THE ENVIRONMENT EXAMINATION QUESTION

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On behalf of The World Association of Technology Teachers

## W.A.T.T.



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Designers must consider a range of factors when developing a product. The manufacture and everyday use of products inevitably have environmental consequences.

Environmental factors often help determine a product's design and eventual manufacture. Some of the key environmental considerations are listed below:

SUSTAINABILITY  
CARBON FOOTPRINT  
RECYCLING  
PRODUCT LIFE CYCLE  
REDUCING WASTE  
COMPONENT REUSE  
FINAL DISPOSAL  
ENERGY EFFICIENCY

With reference to two very different products, explain the determining role played by environmental issues in the design and manufacture of each product.

Refer specifically how environmental factors have influenced:

the use of raw materials,  
the manufacture of the product,  
the use and functions/features of the product,  
the final disposal of the product.







