

LIFE CYCLE ASSESSMENT (LCA)

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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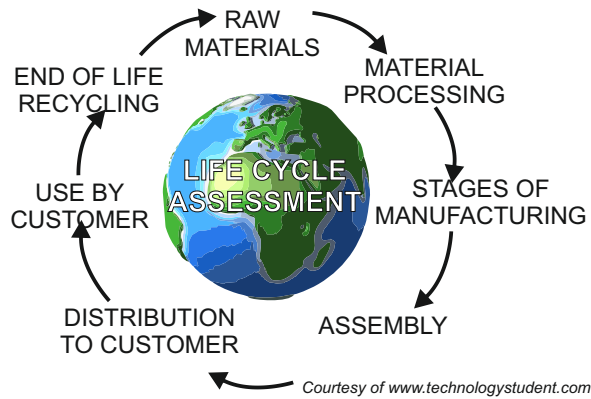
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WHAT IS PRODUCT LIFE CYCLE ASSESSMENT (LCA)?

The designer / manufacturer plans every stage of making the product and it's use by the customer, so that damage to the environment is as low as possible. A written Life Cycle Assessment is produced, as part of the design process.



WHAT IS PRODUCT LIFE CYCLE ASSESSMENT (LCA)?

This is when a designer / manufacturer **plans every stage of making** a product, so that the product is as environmentally friendly as possible. Including, using recycled materials and renewable energy during manufacturing.

PLUS

The designer / manufacturer also designs the product, so that it consumes as **little energy as possible**, when its is being used by the customer and **produces as little pollution as possible.**

PLUS

At the end of it's working life, the product has been designed so that it can be **disassembled easily and recycled.**

Courtesy of www.technologystudent.com

When designing a product, a Life Cycle Assessment is carried out. What is LCA and why is it important?

6 marks
