

# PRODUCT LIFE CYCLE

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On behalf of The World Association of Technology Teachers

## W.A.T.T.



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# PRODUCT LIFE CYCLE

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**WHAT IS PRODUCT LIFE CYCLE?**



When designing and manufacturing a product, it is important to consider its life cycle.

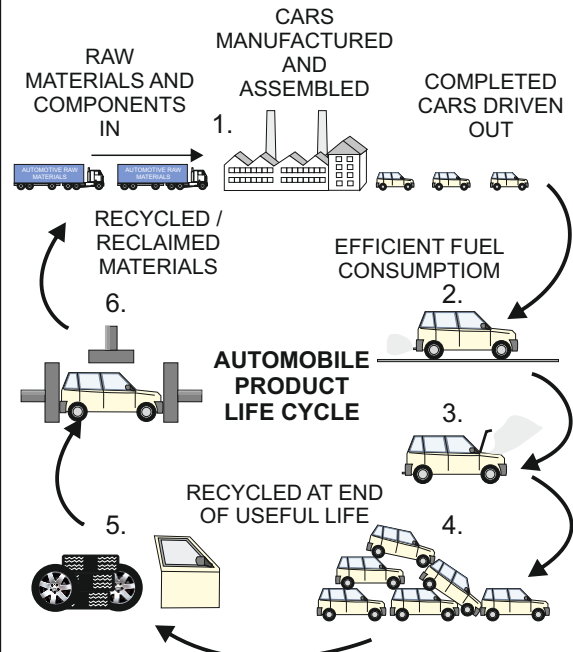
**Life cycle** is the time from a product's manufacture, to its recycling or disposal, at the end of its useful life. Customers often expect products to be designed and manufactured, so that they do as little damage to the environment as possible, throughout their entire lifetime.

**Products should:**

- Be manufactured, from sustainable / recyclable materials, produce as little pollution as possible, during manufacture and use. Use as little energy / fuel as possible.

Courtesy of www.technologystudent.com

**FAMILY CAR PRODUCT LIFE CYCLE**



**RAW MATERIALS AND COMPONENTS IN**

**CARS MANUFACTURED AND ASSEMBLED**

**COMPLETED CARS DRIVEN OUT**

**EFFICIENT FUEL CONSUMPTION**

**RECYCLED AT END OF USEFUL LIFE**

**RECYCLED / RECLAIMED MATERIALS**

**AUTOMOBILE PRODUCT LIFE CYCLE**

Courtesy of www.technologystudent.com

What is Product Life Cycle? 3 marks

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Using an actual product, describe / explain its life cycle. 6 marks

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