

## THE SECRET LIFE OF THINGS

# Life Pscycle-ology<sup>QUIZ</sup>



- 1 **Eric goes through 5 main lifecycle stages during his past life regression, fill in the missing ones below:**

1. Materials Extraction
2. \_\_\_\_\_
3. Use
4. Transport
5. \_\_\_\_\_

- 2 **Eric names 6 different metals inside him. List 3 of the metals that are found in a mobile phone**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

- 3 **What happens to Eric in his use phase that causes him to be upset?**

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- 4 **Name 2 of the eco-design strategies that the doctor prescribes to Eric?**

1. \_\_\_\_\_
2. \_\_\_\_\_

- 5 **The doctor explains that only a certain percent of mobile phones gets recycled, what percentage is that?**  
\_\_\_\_\_ % in 1 billion phones get recycled

- 6 **What is the solution to Eric's problem?**

- ☐ He gets re-sold to a new owner.
- ☐ He gets disassembled and transformed into new products.
- ☐ He gets put back in the drawer.

<http://www.thesecretlifeofthings.com/>

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# THE SECRET LIFE OF THINGS

## This is Your Life Cycle

QUIZ

- 1 **Fill in the gaps on the following sentence that describes what LCA is:**

Life Cycle A \_\_\_\_\_ is a process of scientific i \_\_\_\_\_  
that explore the w \_\_\_\_\_ o \_\_\_\_\_ l \_\_\_\_\_  
environmental impacts of a p \_\_\_\_\_

- 2 **A life cycle assessment is conducted for what reason? Select one answer.**

- ☐ To find out how much money can be made from a product  
☐ To get a better understanding of the products hidden environmental impacts  
☐ To make life more complicated  
☐ To justify a design decision

- 3 **Number from 1 to 5 the order that life cycle stages for a product occur in?**

- |   |  |
|---|--|
| <input type="checkbox"/> End of life                  | <input type="checkbox"/> Manufacturing |
| <input type="checkbox"/> Material extraction          | <input type="checkbox"/> Use           |
| <input type="checkbox"/> Packaging and transportation |  |

- 4 **Which life cycle stage has the biggest impact for a pair of jeans and why?**

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**Give an example of an input and its output**

- 5 a. Input \_\_\_\_\_  
b. Output \_\_\_\_\_

- 6 **The prize is an eco-make over for the winner, what design strategy does Angelina get?**

- ☐ Design for disassembly ☐ Design for dematerialisation  
☐ Design for multi-functionality ☐ Design for Recyclability



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