

## INSTRUCTIONS

Click on the flowers, for a link to helpful information  
Place an 'X' alongside each flower', as you complete each exercise.

## RECYCLING AND LIFECYCLE - INTERACTIVE KNOWLEDGE MAP

WORLD ASSOCIATION OF TECHNOLOGY TEACHERS

<https://www.facebook.com/groups/254963446192623/>

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1. BRIEFLY, WHAT IS RECYCLING?

**START**

2. WHAT IS MEANT BY 'CLOSED LOOP RECYCLING'?

3. SKETCH YOUR OWN SYMBOL REPRESENTING 'CLOSED LOOP RECYCLING'.

4. DESCRIBE THE 'CLOSED LOOP RECYCLING' OF A PRODUCT.

5. BRIEFLY DESCRIBE 'UPCYCLING'

6. DESIGN YOUR OWN SYMBOL REPRESENTING 'UPCYCLING'.

7. WHY IS IT IMPORTANT TO DESIGN PRODUCTS SO THAT THEY CAN BE REPAIRED?

8. WHAT IS WRONG WITH 'BUILT IN OBSOLESCENCE'? INCLUDE AN EXAMPLE.

9. WHAT IS MEANT BY 'PRODUCT LIFE CYCLE'?

10. SKETCH THE TYPICAL LIFE CYCLE OF A CAR

11. WHAT IS MEANT BY 'REDUCE' and 'REUSE'?

**FINISH**