

Worksheet Teacher's notes

1. You are going to read about a company called Remarkable. When did the company originate? 1996 What do they do? *Produce recycled everyday items*. Browse the site <http://www.remarkable.co.uk/retail/index.php/> and find out what they produce? *Pens, pencils, notebooks, mouse pads...* What do they use to produce those items? *Tyres, rubbish, plastic cups*.
2. Watch a film how to make a pencil from a plastic cup:
<http://www.remarkable.co.uk/index.php/news-waste-week/>
3. Have you ever seen this symbol? What does it mean?



Do you know what closed loop recycling is? If not, your teacher will explain it to you.

The term closed loop recycling can be defined as the production system in which the byproduct of one process or product is applied in the creation of another product. A good example of closed loop recycling is recycling waste newspaper to produce paper-board or other types of paper.

Reference: www.thefreedictionary.com

4. "We don't need more recycling, we need a completely different system of closed-loop manufacturing, and no matter how many cans I crush, my personal actions at the consumer level are of very little importance in getting us there." Alex Steffen. Do you agree?

Remarkable

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5. Watch a short film about 5star Remarkable paper and answer the following questions:
<http://www.youtube.com/watch?v=yqiSoHFilI>

- What is paper made of? *wood pulp*
- How many tonnes of wood pulp does it take to produce 1 tonne of office paper? *2 tonnes*
- Complete the paper production process:

Wood pulp → *paper factory* → distributor → *supplier* → office

- What is the 5star Remarkable paper made from? *100% recycled paper*
- What happens to the 5star Remarkable paper when it is put in the bin? *collected by the supplier and taken to the paper mill to be recycled*
- Complete the chart:

Remarkable paper lives *20* times longer than normal paper.

Its production uses *83 %* less water.

Its production uses *72 % less energy*.

Its production uses *100% less timber*.

Its production generates *53% less CO2*.