



## Recycling!

### What is recycling?

Recycling is the process of separating certain materials that we've used from other rubbish and disposing of them separately so that they can go to a recycling centre. From there, they could be reused in their current form or processed and made into new packaging and products.

### What six materials can be recycled in your household bin?

1. ....
2. ....
3. ....
4. ....
5. ....
6. ....

### Bring banks

Bring banks are big, industrial-sized metal containers that are positioned in central places such as in shop car parks or near community centres and accept **glass** and **clothing** for recycling.

### Why do you think it is important to recycle as many materials as you can?

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**Did you know? These things can't go in your recycling bin...**

- Plastic packaging such as yogurt, margarine or ice cream tubs, carrier bags/bin liners, polystyrene, cellophane, food trays etc.
- Cartons - e.g. fruit juice, soup and milk cartons
- Shredded paper
- Foil wrapping paper
- Garden waste

**7 fun recycling facts!**

1. Recycling has taken place in various forms throughout history, with the Romans recycling bronze coins into statues and the first record of paper recycling taking place in Japan in 1031.
2. There are now over 50,000 bottle banks in the UK. Despite this, many people choose not to recycle their glass bottles! Stats show that only 50% of our glass ends up being recycled.
3. As a nation, we get through 5 billion drinks cans every year! Each one could be recycled back into a new can, saving large amounts of energy, raw materials and waste.
4. Each year recycling saves over 700 million tonnes in CO2 emissions.
5. 1 recycled tin can would save enough energy to power a television for 3 hours.
6. 1 recycled plastic bottle would save enough energy to power a light bulb for 3 hours.
7. 70% less energy is needed to recycle paper as opposed to making it from raw materials.

**Activity 1 - Research**

WRAP stands for Waste and Resources Action Programme. WRAP was established in 2000 to promote sustainable waste management. Go online and research WRAP and write down three interesting facts you discover.

1. ....  
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2. ....  
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3. ....  
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**Activity 2 - Drawing**

On a separate piece of paper, draw a picture of what you think shows the most important thing about recycling.

**Activity 3 - Wordsearch**

Find the 8 recycling-related words in the grid below!

- RECYCLE
- LANDFILL
- REUSE
- PAPER
- PLASTIC
- METAL
- CARD
- GREEN

L	L	D	E	S	U	E	R
G	A	B	R	F	N	E	R
R	T	N	U	A	C	I	V
E	E	O	D	Y	C	S	U
E	M	D	C	F	F	R	M
N	G	L	H	X	I	A	D
R	E	P	A	P	B	L	K
C	I	T	S	A	L	P	L

## **Answers**

**What six materials can be recycled in your household bin?**

1. Paper
2. Card
3. Plastic bottles
4. Metal food tins
5. Metal drinks cans
6. Aerosol cans

**Why do you think it is important to recycle as many materials as you can?**

1. So that they can be reused
2. So that they won't get 'thrown away'
3. So that they won't go to landfill
4. Less raw materials will need to be used to make packaging
5. It helps the environment by reducing CO2 emissions