

WASTE WORDS

Have a go at writing the meanings for some words associated with rubbish. Write your own definition then check the dictionary. Make a list of similar words (synonyms) and words which mean the opposite (antonyms).

compost

Definition: _____
Antonyms: _____
Synonyms: _____

contaminate

Definition: _____
Antonyms: _____
Synonyms: _____

dispose

Definition: _____
Antonyms: _____
Synonyms: _____

environment

Definition: _____
Antonyms: _____
Synonyms: _____

facility

Definition: _____
Antonyms: _____
Synonyms: _____

hierarchy

Definition: _____
Antonyms: _____
Synonyms: _____

landfill

Definition: _____
Antonyms: _____
Synonyms: _____

management

Definition: _____
Antonyms: _____
Synonyms: _____

packaging

Definition: _____
Antonyms: _____
Synonyms: _____

recover

Definition: _____
Antonyms: _____
Synonyms: _____

recycle

Definition: _____
Antonyms: _____
Synonyms: _____

reduce

Definition: _____
Antonyms: _____
Synonyms: _____

refuse

Definition: _____
Antonyms: _____
Synonyms: _____

reuse

Definition: _____
Antonyms: _____
Synonyms: _____

waste

Definition: _____
Antonyms: _____
Synonyms: _____



MAKING CHOICES

One of the best practices when it comes to waste management is to be conscious of what you buy. Complete the chart below comparing the positives and negatives about buying the item in the packaging to help make the best choice.

Item to be purchased	MILK		
	Alternative 1 plastic bottle	Alternative 2 glass bottle	Alternative 3 carton
POSITIVES +			
NEGATIVES -			
Best Choice Give reasons			



RECYCLING NEWSPAPER

Australia has the highest recycling rate of old newspapers in the world. At 76.9% in 2008, Australian's remain the best in the world at recycling their old newspapers.

Before you send your newspapers to the recycling centre, there are a few ideas of how to reuse the newspaper. Crack the code to work out what they are! Beware - some of the letters in the code are missing.

- $\overline{6} \overline{9} \overline{9} \overline{5} \overline{23} \overline{5} \overline{4} \overline{17} \overline{14} \overline{23} \overline{26} \overline{13} \overline{23} \overline{21} \overline{5}$
- $\overline{19} \overline{21} \overline{17} \overline{6} \overline{21} \overline{26} \overline{19} \overline{8} \overline{14} \overline{4} \overline{20} \overline{3} \overline{5} \overline{4} \overline{17} \overline{25} \overline{6} \overline{2} \overline{9} \overline{17} \overline{3}$
 $\overline{5} \overline{23} \overline{16} \overline{17} \overline{17} \overline{13} \overline{23} \overline{19} \overline{5} \overline{15} \overline{17} \overline{17} \overline{9} \overline{21}$
- $\overline{19} \overline{21} \overline{17} \overline{20} \overline{5} \overline{1} \overline{23} \overline{2} \overline{15} \overline{2} \overline{6} \overline{13} \overline{13} \overline{20} \overline{3} \overline{25} \overline{25} \overline{20} \overline{1} \overline{5} \overline{21}$
- $\overline{19} \overline{21} \overline{17} \overline{20} \overline{5} \overline{1} \overline{23} \overline{2} \overline{23} \overline{2} \overline{20} \overline{25} \overline{6} \overline{26} \overline{20} \overline{23} \overline{2} \overline{13} \overline{6} \overline{13} \overline{17} \overline{2}$
 $\overline{14} \overline{2} \overline{6} \overline{1} \overline{5}$
- $\overline{19} \overline{21} \overline{17} \overline{20} \overline{5} \overline{5} \overline{23} \overline{14} \overline{8} \overline{17} \overline{6} \overline{3} \overline{15} \overline{20} \overline{3} \overline{9} \overline{23} \overline{15} \overline{21}$

F		N	H			V	L	D	Z	J	X	P
1	2	3	4	5	6	7	8	9	10	11	12	13
C	W	K		Q				B		Y	G	M
14	15	16	17	18	19	20	21	22	23	24	25	26





WHAT PLASTIC IS THAT?

Not all plastics can be recycled. Products made from plastic usually have a code stamped on them to help identify the type of polymer the plastic is made from. Use the information given to help fill in the blanks on the chart.

Information

Type of Plastic polymer









- High Density Polyethylene
- Low density Polyethylene
- Polyethylene Terephthalate
- Polypropylene
- Polystyrene / Expanded Polystyrene
- Polyvinyl Chloride

Examples of Packaging

- Car parts, appliance parts, electronics, water cooler bottles, packaging
- CD cases, plastic cutlery, imitation 'crystal glassware', low cost brittle toys, video cases, foamed polystyrene hot drink cups, hamburger takeaway containers, foamed meat trays, protective packaging for fragile items
- Cosmetic containers, electrical conduit, plumbing pipes and fittings, blister packs, wall cladding, roof sheeting, bottles, garden hose, shoe soles, cable sheathing, blood bags and tubing, watch straps
- Crinkly shopping bags, freezer bags, milk bottles, ice cream containers, juice bottles, shampoo, chemical and detergent bottles, buckets, rigid agricultural pipe, milk crates
- Dip bottles and ice cream tubs, potato chip bags, straws, microwave dishes, kettles, garden furniture, lunch boxes, blue packing tape
- Plastic Food wrap, garbage bags, squeeze bottles, black irrigation tube, garbage bins
- Soft drink, water and salad dressing bottles, biscuit trays, peanut butter and jam jars

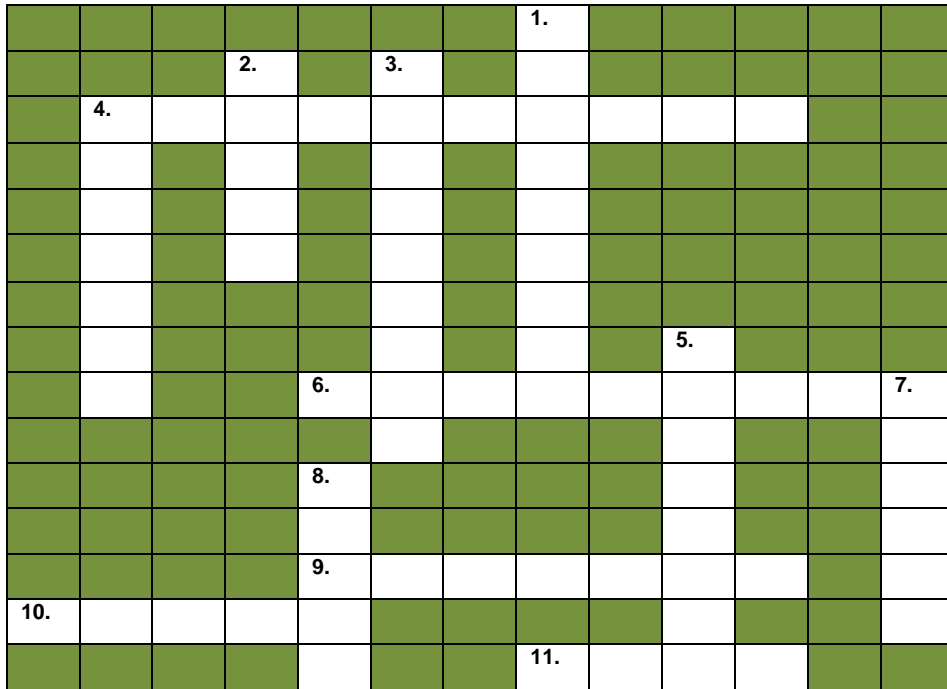
Recycled In

- Car parts, concrete aggregate, plastic timber
- Coat hangers, coasters, white ware components, stationery trays and accessories
- Flooring, film and sheets, cables, speed bumps, packaging, binders, mud flaps and mats
- Pegs, bins, pipes, pallet sheets, oil funnels, car battery cases, trays
- Pillow and sleeping bag filling, clothing, soft drink bottles carpet
- Recycling bins, compost bins, buckets, detergent containers, posts, fencing, pipes
- Rubbish bin liners, pallet sheets

Plastic Identification Code	Type of plastic polymer	Examples of Packaging	Recycled In
 PET			
 PE-HD			
 PVC			
 PE-LD			
 PP			
  PS-E PS			
 OTHER	Other		



RECYCLING CROSSWORD



Across

- 4. the first step in the recycling process
- 6. when you've finished reading the _ you can recycle it
- 9. containers made with this lightweight substance that come in different types
- 10. Reduce - Recycle
- 11. when you buy recycled products you are playing an important _

Down

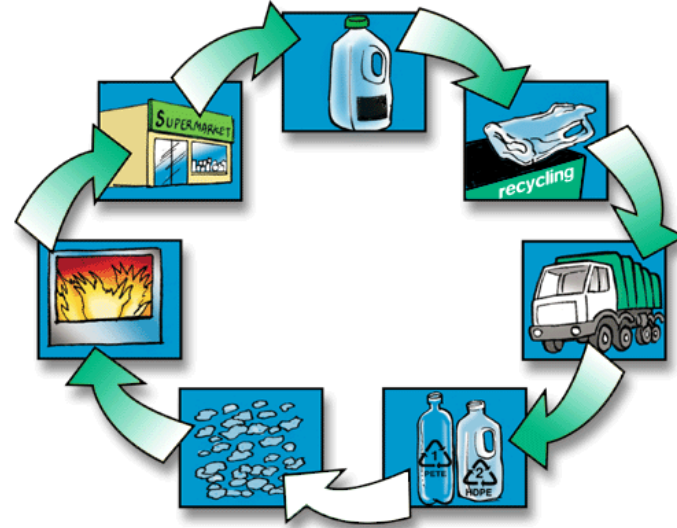
- 1. you should use rechargeable _ in order to reduce waste
- 2. containers can be clear, green or brown
- 3. before recycling, paper, plastic and glass must be?
- 4. a way of recycling organic waste
- 5. a hole in the ground where waste is dumped
- 7. use less of
- 8. One tonne of recycled _ can save 17 trees



HOW DOES IT HAPPEN?

Below is a diagram that shows the recycling process of plastic. In your own words, write a brief description explaining what happens during this process.

RECYCLING PLASTIC



Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7