



NetWaste School News

NetWaste
A COLLABORATIVE APPROACH

A Collaborative Approach

DID YOU KNOW...?

When you recycle the items are reprocessed and made into new products. This reduces the amount of natural resources such as water, coal, oil, sand and metal ore used to manufacture new products. When you recycle 1000 tonnes of recycling you save:



6 Olympic swimming pools of water



Greenhouse gas savings equal to removing **121** cars off the road



Energy savings equal to the annual electricity needs of **71** households

STOP!

These items should **NOT** be placed in your recycling bin at home:

- ✗ **NO plastic bags**
- ✗ **NO recycling in plastic bags**
- ✗ **No plastic packets or film**
- ✗ **No syringes or medical waste**
- ✗ **No lids, corks, caps or tops**
- ✗ **No nappies**
- ✗ **No garden waste**
- ✗ **No broken glass, light bulbs, mirrors, drinking glass or window glass**
- ✗ **No ceramics or oven-ware**
- ✗ **No clothes or material**
- ✗ **No wood**
- ✗ **No polystyrene or meat trays**
- ✗ **No foam**
- ✗ **No waxed boxes**
- ✗ **No food**

Recycling, it's important!

Recycling involves the collection, sorting and reprocessing of discarded goods to create the same or a different product. Recycling, like reducing and reusing, not only helps minimise the amount of waste we send to the landfill but also protects precious resources and natural environments.

Turning bauxite into aluminium or sand into glass requires enormous amounts of energy and generates pollution. By incorporating recycled material into the manufacturing process energy can be saved and pollution reduced. The energy saved by recycling one aluminium can will power a television for 3 hours, while recycling 1 tonne of glass will save 1.1 tonnes of raw materials.

Materials that can be collected for recycling as part of your weekly recycling collection include:

- ✓ paper and cardboard
- ✓ milk and juice cartons
- ✓ glass bottles and jars
- ✓ aluminium and steel cans
- ✓ plastic bottles and containers



Waste Hotline 1300 725 415

Waste Education Program:
For education enquiries



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Recycling Facts



Paper and Cardboard Recycling

Recycling **1 tonne** of paper or cardboard saves:

- ☐ **13 trees**
- ☐ **25 barrels of oil**
- ☐ **4 cubic metres of landfill**
- ☐ **31780 litres of water**
- ☐ **4100 kw of electricity**

Steel and Aluminium Cans

- ☐ Recycling steel and aluminium saves more than **80% raw materials**.
- ☐ Every tonne of new steel made from scrap steel saves **1131kg of iron ore, 54kg of limestone and 633kg of coal**.
- ☐ It takes around **15 000 steel cans** to form **1 tonne** of recycled steel.

Plastic Containers and Bottles

- ☐ Australians use more than **7kg of plastic** per person each year.
- ☐ Some brands of **wheelie bins** are made of approximately **50 % recycled content**; up to **125 milk bottles** are used in each bin.
- ☐ **PET** plastic can be used to make new bottles but also a synthetic material known as **Eco-Fleece** which is used to make fleecy jumpers, ski suits, pillows and doonas.

Glass Jars and Bottles

- ☐ New glass products have up to **80% recycled content**,
- ☐ Crushed glass is called "**cullet**".
- ☐ Recycling **1 glass bottle** saves enough energy to light a **100 watt bulb** for **4 hours**.
- ☐ Making glass from recycled material requires only **40%** of the energy used to make glass from sand.

Student Activity

What are your recyclables made into?

Draw a line to match the recyclable material with what it may be made into.

Milk carton 	Jacket 
Soft drink bottle 	Refrigerator 
Pet food can 	Office paper 
Aluminium can 	Jam jar 
Wine bottle 	Alfoil 

Test Yourself!

Draw a line from the item to which bin it goes in.



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