

Recycling

Why do we recycle?

Environmental

- Reduce amount of raw materials we use, i.e. trees
- Reduce pollution, emissions to environment
- Reduce garbage that goes to landfills

Economical

- Everything ends up in landfill, has costs for disposal
- Costs for purchasing raw materials in first place so should get most use out of an item
- Cheaper to recycle materials than dispose of in landfill
- Reduce amount of garbage; less money on bag tags or dumpster fees

Example:

Think about every student in the school depositing their garbage in this room. The garbage pile would get bigger and bigger. Where would we sit? Eventually, we would run out of room. Not only that, but the room would be messy and smelly, and you wouldn't want to use it...

Think about this room or think about your bedroom

This also applies to the earth. We only have so much space and have to share this space with other animals and plants.

Currently, our garbage goes to a landfill.

The cost for 1 truck full of garbage is \$2100.00.

When the landfill area is full, we cover it with plantings i.e. Zwick Park is developed.

Then we have to look for another site.

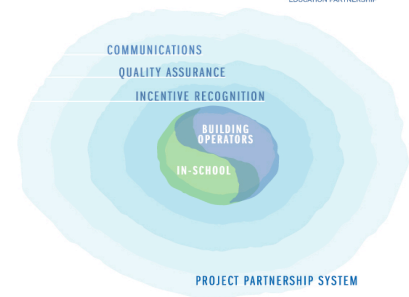
The problem with garbage in the ground is that leachate runs into the ground and water/well contamination is a strong possibility.

How can we reduce garbage going to landfills?

Reduce Amount of garbage goes to landfill through composting; recycling; bring a litterless lunch; over packaging – purchasing decisions

Reuse Make use of items as much as possible e.g. write on both sides of the paper; use plastic containers for storage; give old clothing/toys to a charity

Recycle Items can be made into other products



What happens to Recycled Materials?

Glass	<ul style="list-style-type: none">• Forms new bottles and jars• Used for fiberglass, glass bead and reflective paint
Aluminum cans & foil	<ul style="list-style-type: none">• Can be rolled into sheets to form new cans
Tin & metal cans	<ul style="list-style-type: none">• Tin and steel can be reused for other products such as car parts, hammers, drills, etc.
Plastics	<ul style="list-style-type: none">• Pop bottles become fibre for winter coats, sleeping bags, clothing and auto body parts for cars like Saturns, Corvettes• Bleach jugs become blueboxes and drain pipes• Coffee cups and packaging become trays, videos, and audio cassettes
Paper	<ul style="list-style-type: none">• New paper products can be made such as newspaper, paper towels, napkins• Corrugated cardboard can be used to make new boxes and new cardboard

Trivia Facts-

- *It would take 300 years for a littered aluminum can to break down by natural processes*
- *Recycling 1 ton of newspaper saves 17 trees*
- *Recycling 1 pop can saves enough energy to power a television for 3 hours*

Classroom Hints:

- Only put recycled materials in the bluebox
Kleenex, paper towels and napkins are not recyclable
- Rinse out any food or beverage containers before placing in the bluebox
This is especially important for juice and milk product containers
- Flatten any boxes
- Sort materials into appropriate bins: Adding signs to your bins helps with this.

Other ideas: