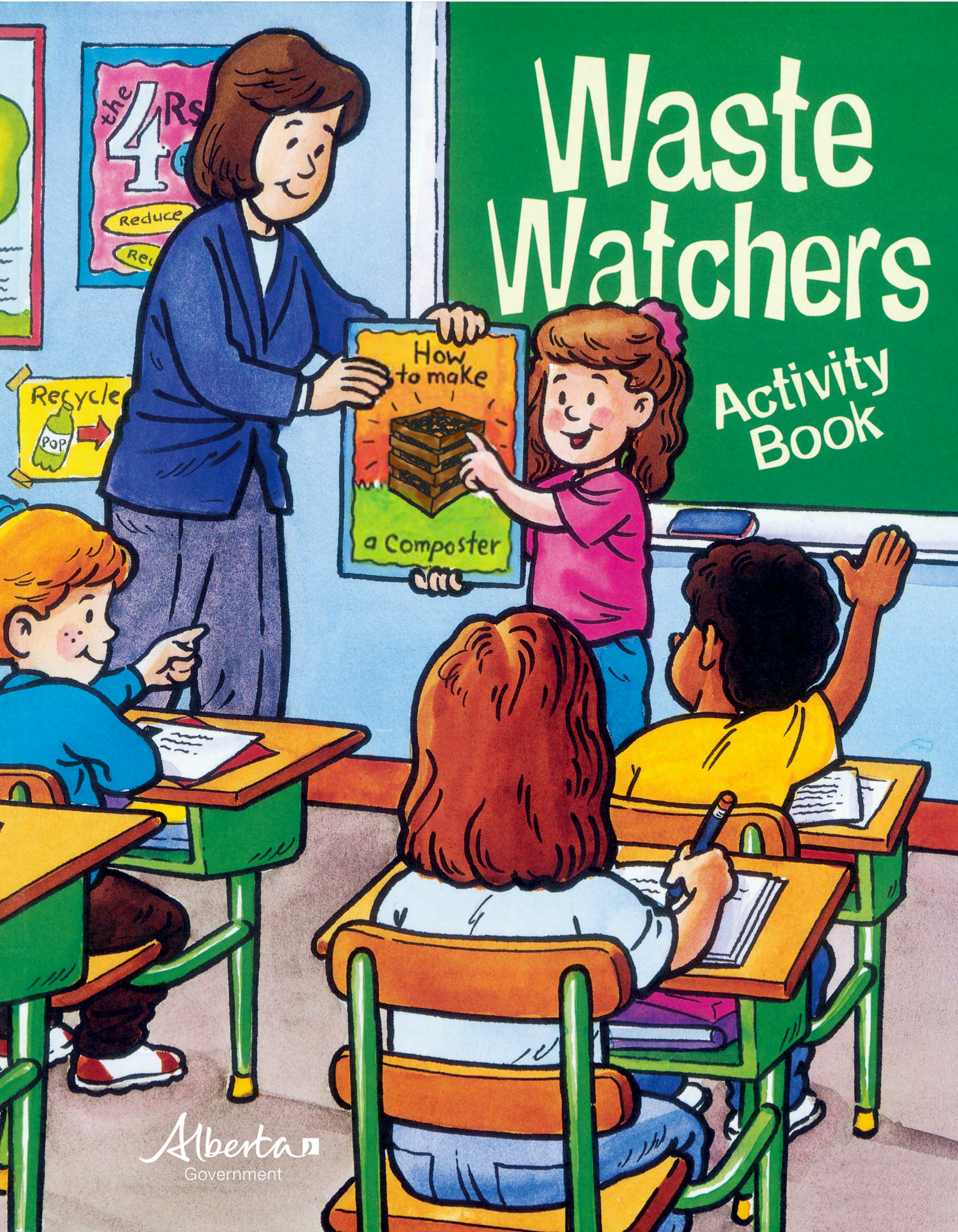


Waste Watchers

Activity Book



Alberta Environment and Parks created this Division I activity booklet to introduce children to the 4Rs — Reduce, Reuse, Recycle and Recover. Waste Watchers educates students about waste minimization and hazardous waste.

Copies of this booklet and other education materials are available from:

Alberta Environment and Parks
Information Center

Main Floor, 9920 - 108 Street
Edmonton, Alberta T5K 2M4

Toll Free Tel: 310-3773

Website: www.aep.alberta.ca

Who is a Waste Watcher?



You should be if you really care about the environment.



Hi! I'm
Willy

and I'm
Winnie

Meet Willy and Winnie — our slim, trim
Waste Watcher Guides.

They care about the environment
and watch for every chance to help.

Do you think YOU could be a Waste Watcher?

Try the following quiz and see! Score 2 points for YES and 1 point for NO.

	Yes	No
1. I care about my environment.	<input type="radio"/>	<input type="radio"/>
2. I save my juice cans and return them for a refund.	<input type="radio"/>	<input type="radio"/>
3. I put my vegetable and fruit scraps in the compost.	<input type="radio"/>	<input type="radio"/>
4. I write on both sides of my paper before I put it in the recycling box.	<input type="radio"/>	<input type="radio"/>
5. I turn off the tap when I'm not using the water.	<input type="radio"/>	<input type="radio"/>
6. I take my lunch to school in reusable containers.	<input type="radio"/>	<input type="radio"/>
7. I put litter in the garbage can.	<input type="radio"/>	<input type="radio"/>
8. We recycle at home and school.	<input type="radio"/>	<input type="radio"/>

Check your score!

6-8 points

You might be a Waste Watcher.
Try it!

9-10 points

You can be a Waste Watcher.
Go for it!

11-12 points

You probably are a Waste Watcher.
Excellent!

Did you know that most people throw out one large garbage bag full of waste each day?

Join the dots to find the answer to the secret message below.



Too much _____ !

What is Waste?

Waste is anything you throw away when you are finished with it.



Packaging



Used toys and clothes



Kitchen and yard waste

Reuse things many times before throwing them away



Winnie's Secret Message

Unscramble the letters in each word below to find out what Winnie's message is.

P P E O L E

P			P		
---	--	--	---	--	--

N A C

	A	
--	---	--

E A R N L

L				N
---	--	--	--	---

O T

--	--

R E U C E D

		D			E
--	--	---	--	--	---

Who makes waste?





Winnie and Willie see 12 things in this scene which are wasteful, dangerous or harmful to the environment.

Circle the ones you can find.

Make less household waste

by using things that are reusable.

Circle the reusable item in the item pairs below.



Thermos and snack pack

OR



Juice box and paper lunch bag



Cloth bag

OR



Plastic bag



New books

OR



Library books



Throw away batteries

OR



Rechargeable batteries

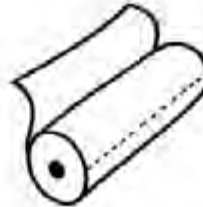


Cloth diaper

OR



Disposable diaper



Paper towel

OR



Cloth rag

Willie's Secret Message

Unscramble the letters in each word below to find out what Willie's message is.

P P E O L E

	E				E
--	---	--	--	--	---

N A C

		N
--	--	---

E A R N L

	E		R	
--	---	--	---	--

O T

--	--

U S E R E

R		U		
---	--	---	--	--

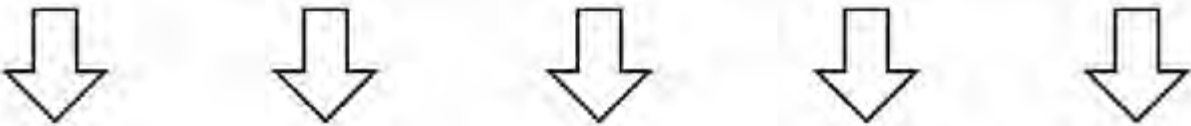


Recycling

means to collect things so that they can be made into new things.

Sort the things below by putting them in the correct recycling bin.

Draw a line to the proper bin.



Roof Shingles

Reinforcing Bar
(used in construction)

Glass bottles

Newspaper

Plastic flower pots
and plastic wood

Here are some of the new things made from the old things.



Start



Glass makes glass beads for road paint



Paper makes new envelopes



Plastics make new school binders



Glass makes new glass jars and bottles



Paper makes roofing shingles



Old newspaper makes new newspaper



Steel food cans become reinforcing bar

Show the collection truck how to reduce its load by recycling materials instead of sending them to the landfill.



Great Job!

Finish

Watch out for these danger signs!



Willy Watcher, Willy Watcher
What do you see?
I see a **POISON** sign
Looking at me!

Winnie Watcher, Winnie Watcher
What do you see?
I see a **FLAMMABLE** sign
Looking at me!

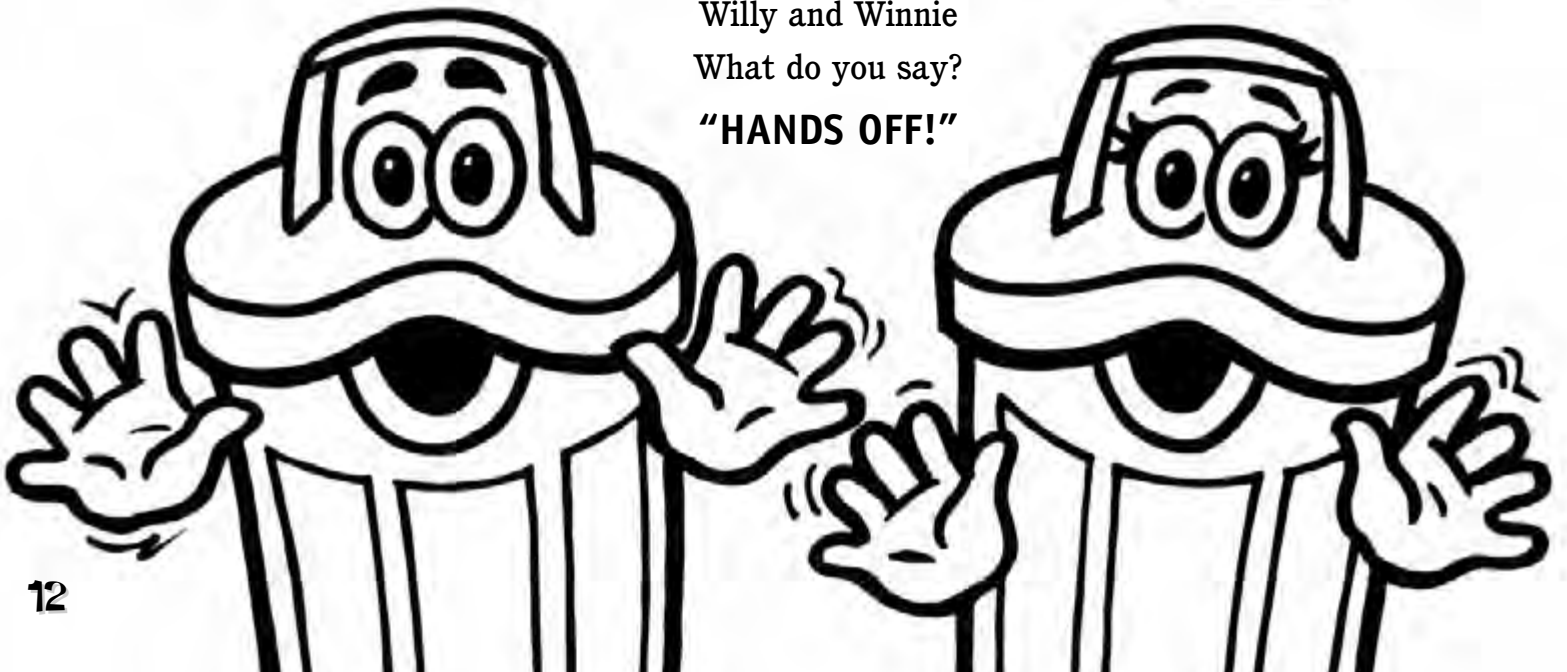


Willy Watcher, Willy Watcher
What do you see?
I see an **EXPLOSIVE** sign
Looking at me!

Winnie Watcher, Winnie Watcher
What do you see?
I see a **CORROSIVE** sign
Looking at me!



Willy and Winnie
What do you say?
"HANDS OFF!"



Household Hazardous Waste Round-Ups



Wastes with these symbols and others are hazardous. These wastes are collected at Household Hazardous Waste Round-Ups. Then they are sent to a waste treatment plant instead of having them end up in a landfill.

Send the hazardous wastes shown below to the Swan Hills Treatment Centre by drawing connecting lines.

Swan Hills Treatment Centre

- Edmonton
- Red Deer
- Calgary
- Medicine Hat
- Lethbridge

Pesticides

Poisons

Cleaners

Gasoline

Oven cleaners

Herbicides

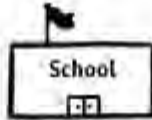
Paint

Follow the path

to the waste treatment plant. At each stop,



Home



School



Gas Station



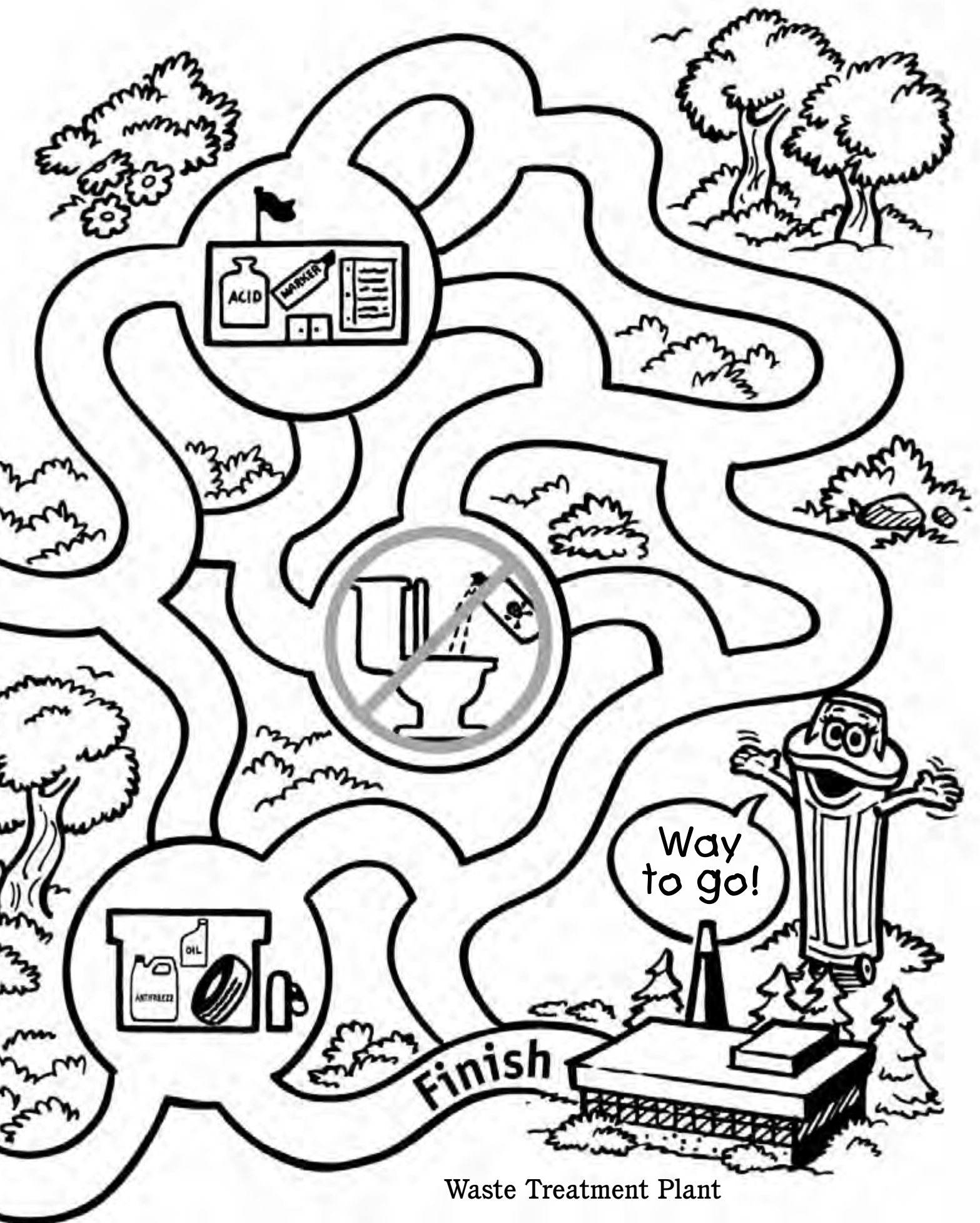
Office

circle the waste item which should be sent to the plant.



Start



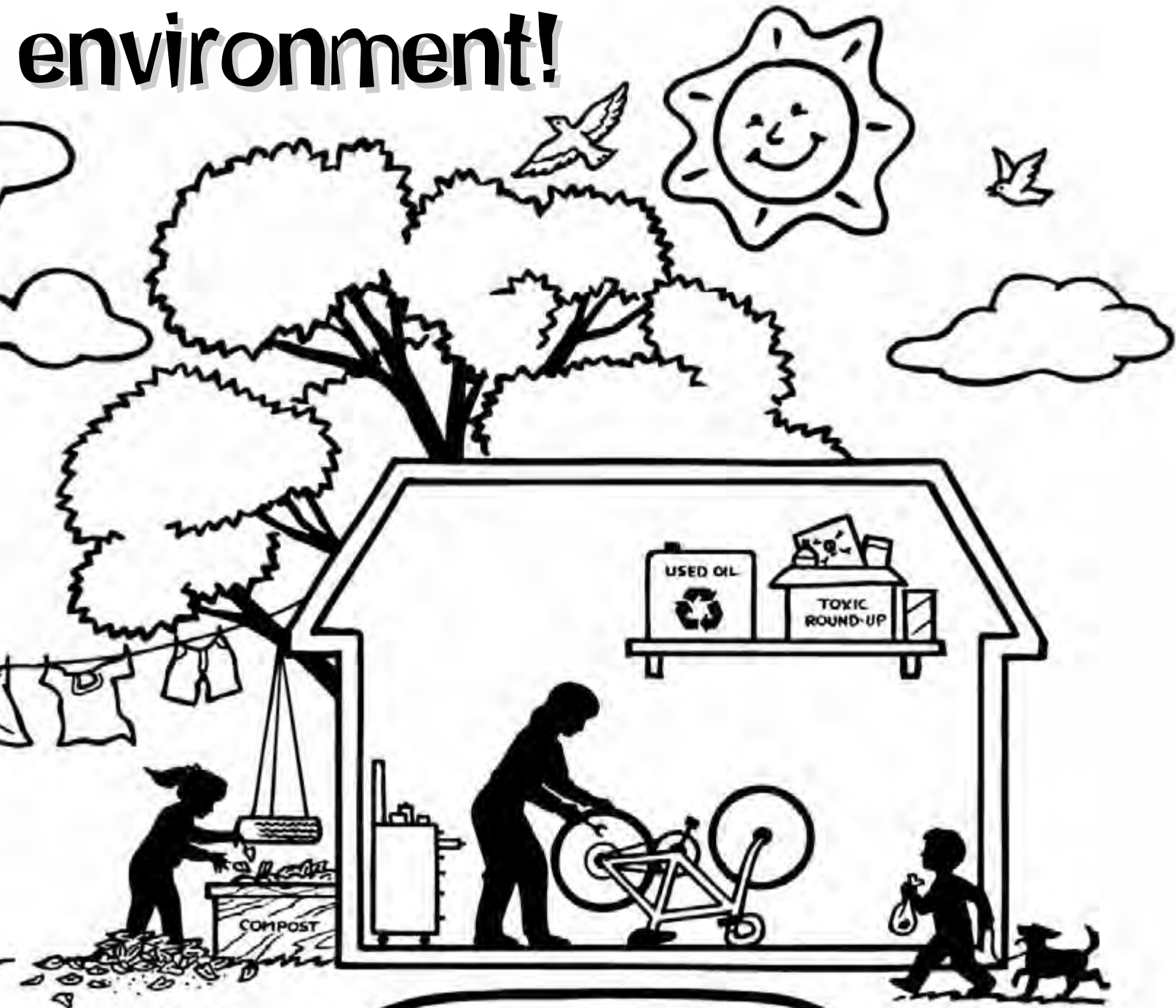


Waste Treatment Plant

We can all be kind to our



environment!



Write a sentence about one of the things you do that is good for the environment.

Where does waste go?

Most of our waste gets buried in the ground in what is called a landfill.

All of the things at the top of the next page should not be in the landfill.
Find them in the landfill below and colour them.







Suggestions

for parents and teachers

1. Take your child or class to the nearest landfill site for a visit and discuss ideas of waste.
2. Discuss ways to eliminate some of the waste by reducing, reusing or recycling.
3. Demonstrate how packaging can be reduced by buying in bulk, bringing your own bags, or refusing bags for small items.
4. Find a community secondhand store to send clothes and toys to, or even better, trade with family and friends.
5. Keep scrap paper available and use flyers for children's cutting projects.
6. Start a paper recycling program in your school or place of work.

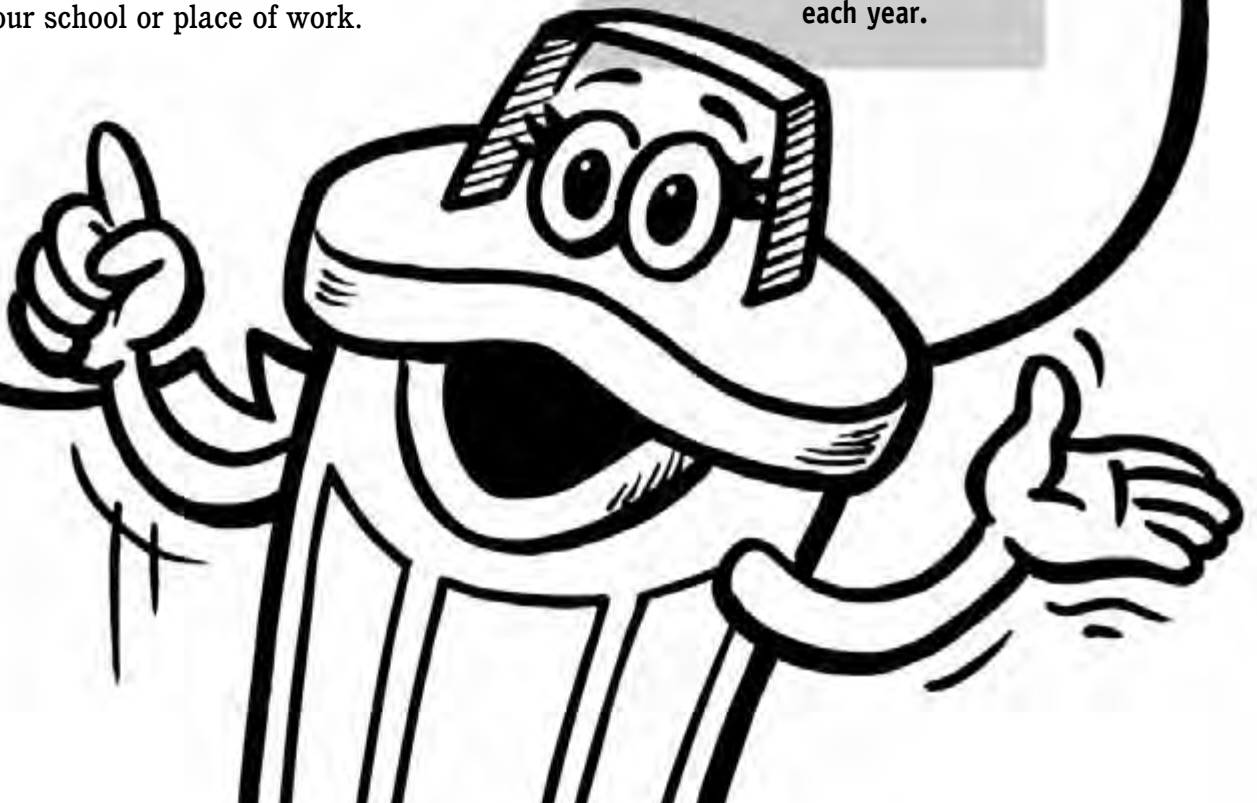
Did you know?

A fast food company with restaurants all over North America uses enough burger boxes in one year to fill Toronto's Sky Dome 20 times.

A cat eats a can of food a day. Each can weighs 40 grams. If the cat lives 15 years, we throw out 5,475 cans or 219 kilograms of steel.

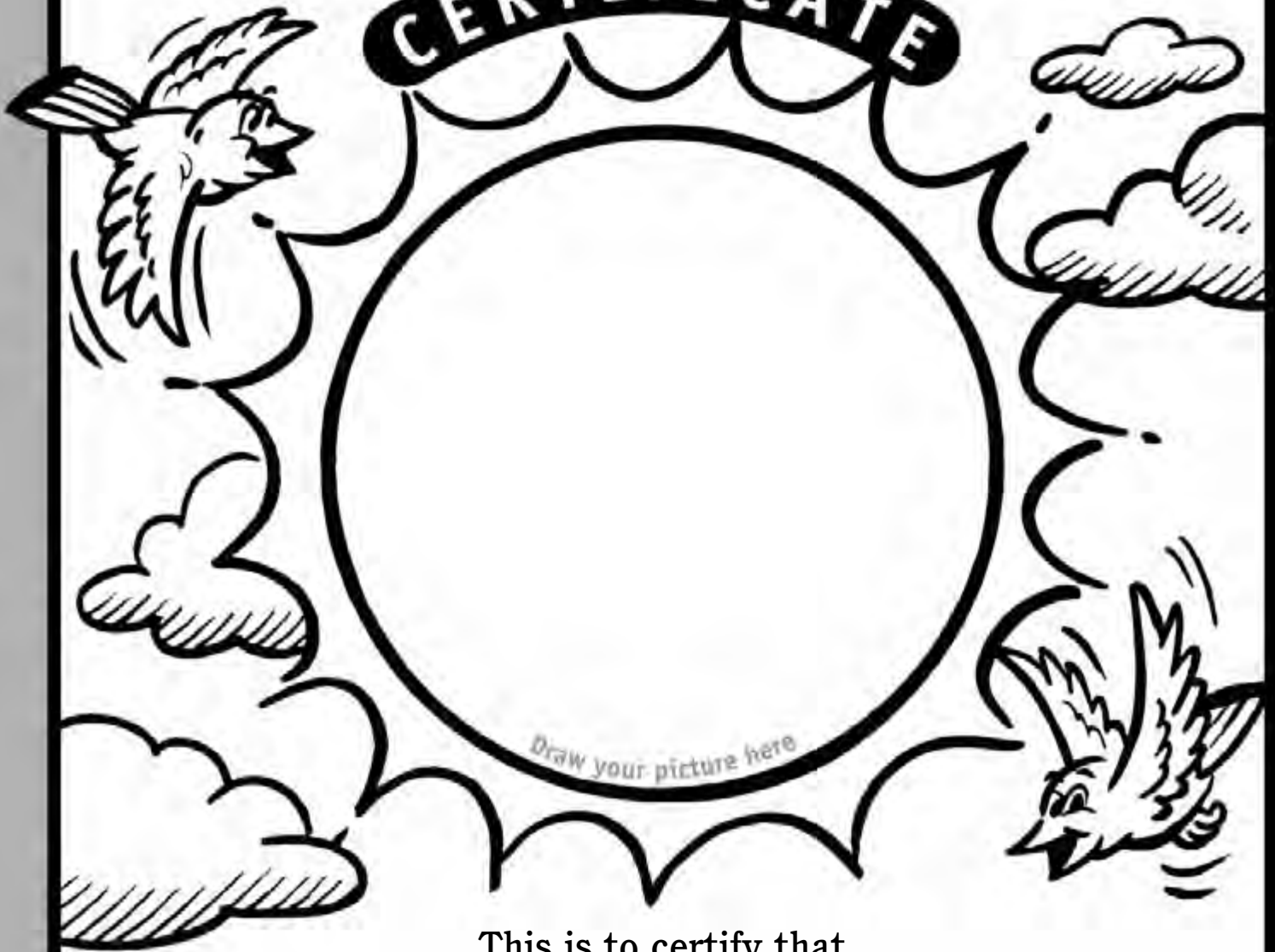
More than 40,000 trees are cut down each day to make newspapers for Canadians to read.

Canadians throw away about seven million batteries each year.



Waste Watcher

CERTIFICATE



This is to certify that

has successfully assisted Willie and Winnie Watcher
in caring for the environment

Date

Parent/Teacher

