

(RE) THINKING WASTE Activity Book



Ages 5 to 7
A free waste education
program for children,
presented by EnviroCom and
REMONDIS at Swanbank

Hello!

Today we're going to talk about rubbish. Lots and lots of rubbish!

It starts at breakfast when the milk carton is empty and there's no more Vegemite in the jar... Don't just stand there – put these empty containers in the bin! But which bin? You know different bins are for different types of waste, but did you know that most of our waste can be recycled and used again and again? Turn the page to find out more – but first, meet Robin the Recycling Robot!

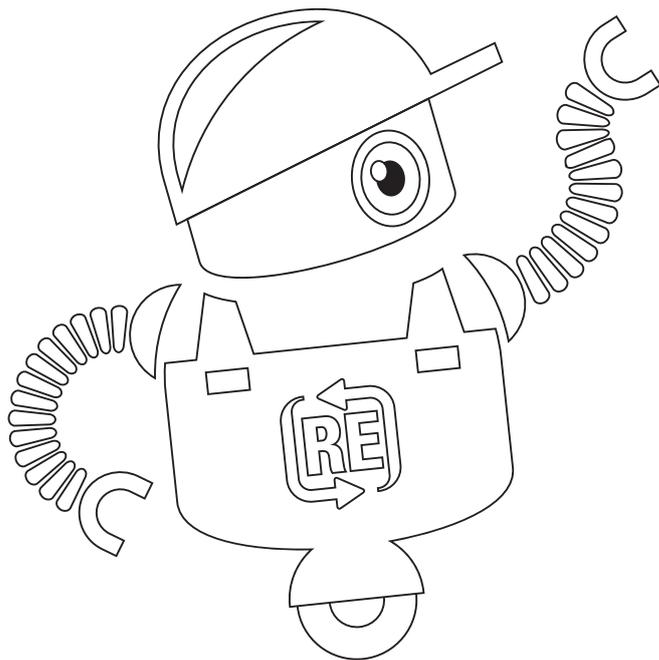


Can you help Robin the Recycling Robot?

We are sending too much rubbish to landfill and we need to work out some ways to RETHINK, REDUCE, RE-USE and RECYCLE!

Let's get started!

Can you draw yourself giving a high-five to Robin?



Your name

Your age

Your suburb

(RE) THINK

I spy with my little eye...

Have a look at the pictures below. Using 4 different colours, colour in the circles or circle the item when you find it!

Can you find things made out of:

- Plastic
- Glass
- Metal
- Paper or cardboard

Can

Cleaning bottle

Letters

Shampoo bottle

Biscuit box

Book

Jam jar

Spray can

Juice box

Sauce bottle

Yoghurt tub

(RE)DUCE

What's in your lunchbox?

Colour in the items you would like to see in your lunchbox. Try and pick things that will not make a lot of rubbish. Remember: You need a lot of healthy foods to fuel your brain!



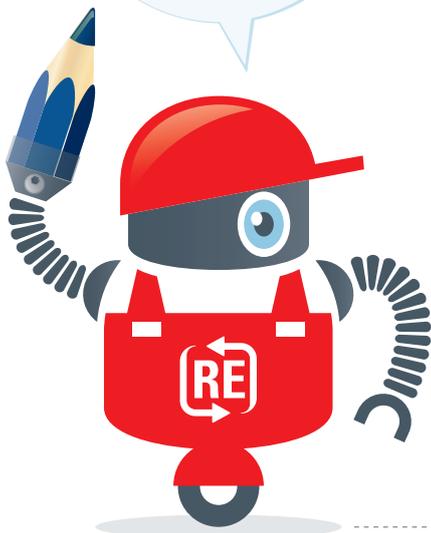
(RE) USE

Let's get crafty!



Adult help here please! We can make new things from items that would usually go into the rubbish or recycling bin. Pick any of the following re-use activities, or come up with your own! Turn a plastic bottle into plant pot, decorate a tin can or jar to become a pencil holder, use an egg carton paint palette or make an animal out of a cardboard box.

Draw your
design here!



(RE)CYCLE

Recycle right!

Below are a lot of items, but only some of them can go in the yellow-lidded recycling bin! Can you help sort them out?

You will need a **yellow, green and red pencil!** Colour the items that can be recycled in **yellow**. Some things might be able to go into the compost bin or worm farm; you can colour these in **green**. Everything that can't be recycled or composted can be coloured in **red**. These items go in your red-lidded garbage bin at home.

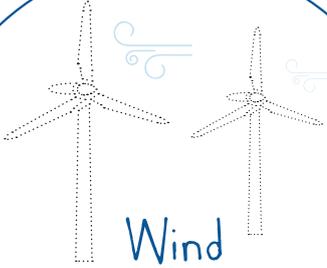
Hint: Remember, you can only recycle paper, cardboard, plastic, metal, and glass.

(RE)COVER

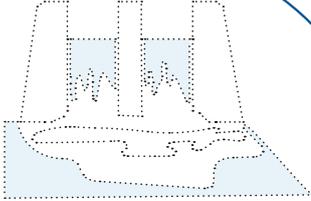
What else can we do?

Some things we can't re-use or recycle so we need to come up with other things to do with our waste. We can make energy (or electricity) from a lot of things. Using waste to turn water into steam is one way to reuse some waste and make electricity. Electricity powers our homes and our community.

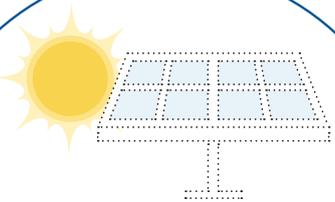
Connect the dots to show some ways in which we make energy.



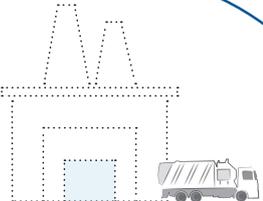
Wind
Wind turbines spin and generate electricity as they turn



Hydropower
As water flows downhill it spins turbines that generate electricity as they turn



Solar
Solar panels collect energy from the sun and generate electricity



Energy from Waste
Waste is combusted to heat water and make steam. The steam spins turbines and generates electricity as they turn



Last **(RE)**SORT

Where does your waste go?

There are lots of different kinds of things you can throw in the bin. Choosing the right bin can be tricky and it's important to get it right!

! Adult help here please! Can you write or draw some things to describe these places? What would they look like, smell like? What kind of things might you find there?

Composting

Food scraps and garden waste are mixed and turned into compost!

Compost helps plants grow! Can you name a fruit and a vegetable that would like compost?

Fruit:

Vegetable:

Recycling

At the Materials Recovery Facility, your recycling is sorted into Glass, Metals, Plastics and Paper.

What do you think it might sound like? Would there be lots of containers tumbling around?

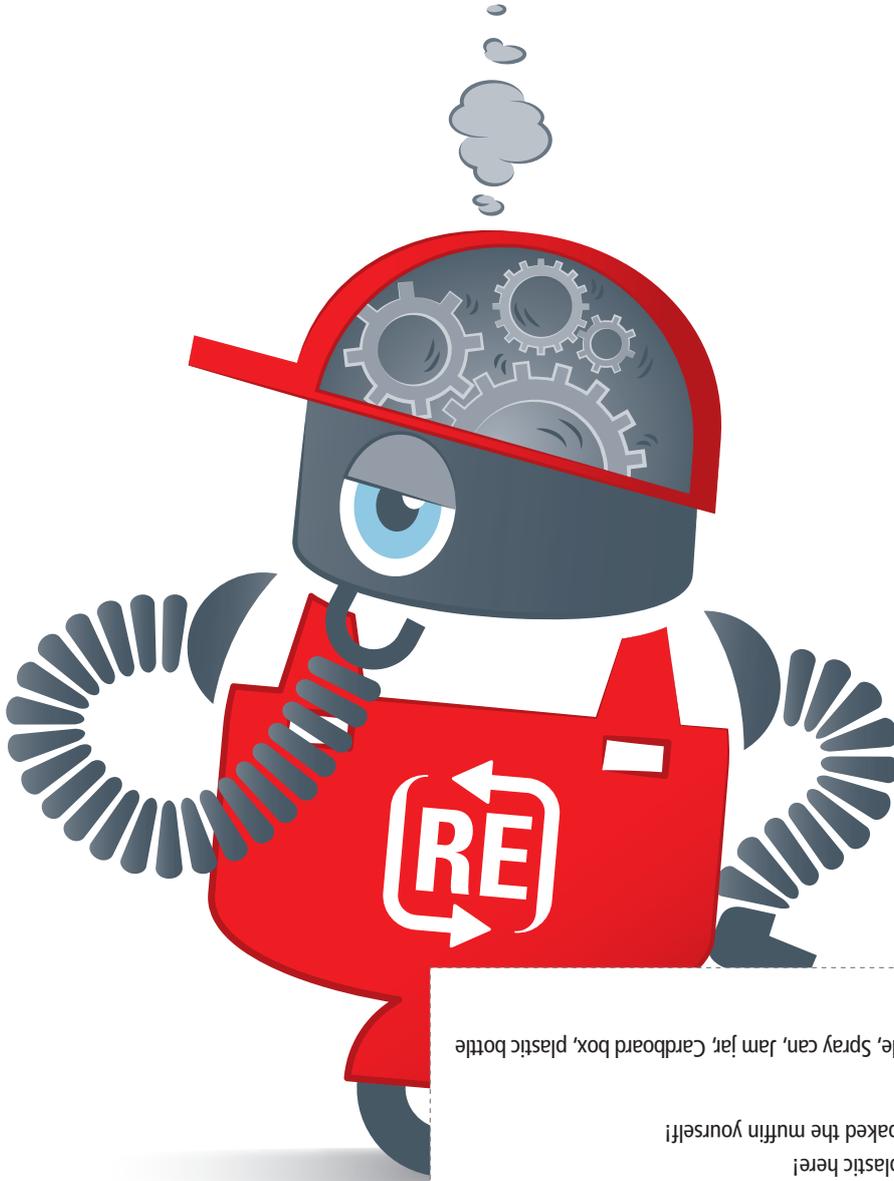
Landfill

The landfill is where all of your waste is buried.

Do you think it might be smelly at the dump? Can you draw a picture of what it might look like or what waste you might see?



(RE)DISCOVERY



Answers

RETHINK

Plastic: Shampoo bottle, Cleaning bottle, Yoghurt tub

Glass: Sauce bottle, Jam jar

Metal: Can, Spray can

Paper/cardboard: Letters, Book, Juice box

REDUCE

Apple: Waste-free if you compost the apple core!

Sandwich in container: Waste-free!

Corn chips in container: Good option, especially if you bought the chips in bulk!

Reusable water bottle: Waste-free!

Popper: Packaging is recyclable.

Sandwich in zip lock bag: Uh oh, there's some soft plastic here!

Packet of chips: Uh oh, there's some soft plastic here!

Biscuits in zip lock bag: Uh oh, there's some soft plastic here!

Muffin in container: Waste-free, especially if you baked the muffin yourself!

RECYCLE

Yellow/recyclable: Tin, Can, Yoghurt Tub, Soap bottle, Spray can, Jam jar, Cardboard box, plastic bottle

Green/compostable: Watermelon

Pledge of Commitment

If everyone does a little bit, we can help make our environment cleaner for everyone to enjoy. What's something you can do to help our environment?

I, _____,
write your name

do solemnly pledge to:

- Always use a re-usable water bottle instead of buying plastic
- Use less plastic in my lunchbox by using re-usable plastic containers which I can wash and re-use
- Talk to my family and friends about where our waste goes, and how things are recycled
- Eat everything in my lunchbox so I'm not wasting food

Signed _____ Date _____

REMONDIS®

WORKING FOR THE FUTURE

REMONDIS is one of the world's largest recycling, service and water companies. The group has branches and associated businesses in more than 30 countries across Europe, Africa, Asia and Australia. With over 38,000 employees, the group serves around 30 million people as well as many thousands of companies.



EnviroCom Australia® is an experienced environmental consultancy that has delivered education to the community since 1998. We are a group of passionate individuals from a diverse background of environmental science, environmental management, community citizen science, ecology, geology, and teaching. EnviroCom works with both the public and private sector to help deliver education projects for a more sustainable future. We have developed and designed the activities for a diversity of learning styles, considered the linkages to the Australian Curriculum and the goals of federal, state and local policy.

www.envirocom.com.au

REMONDIS Australia // Swanbank Road,
Swanbank QLD 4305 // T 13 73 73
EnviroCom // T 07 345 2400 // F 07 3457 2478
E REDiscoveryHub.Swanbank@envirocom.com.au

This book is printed locally in Ipswich on 100% recycled paper and is 100% recyclable