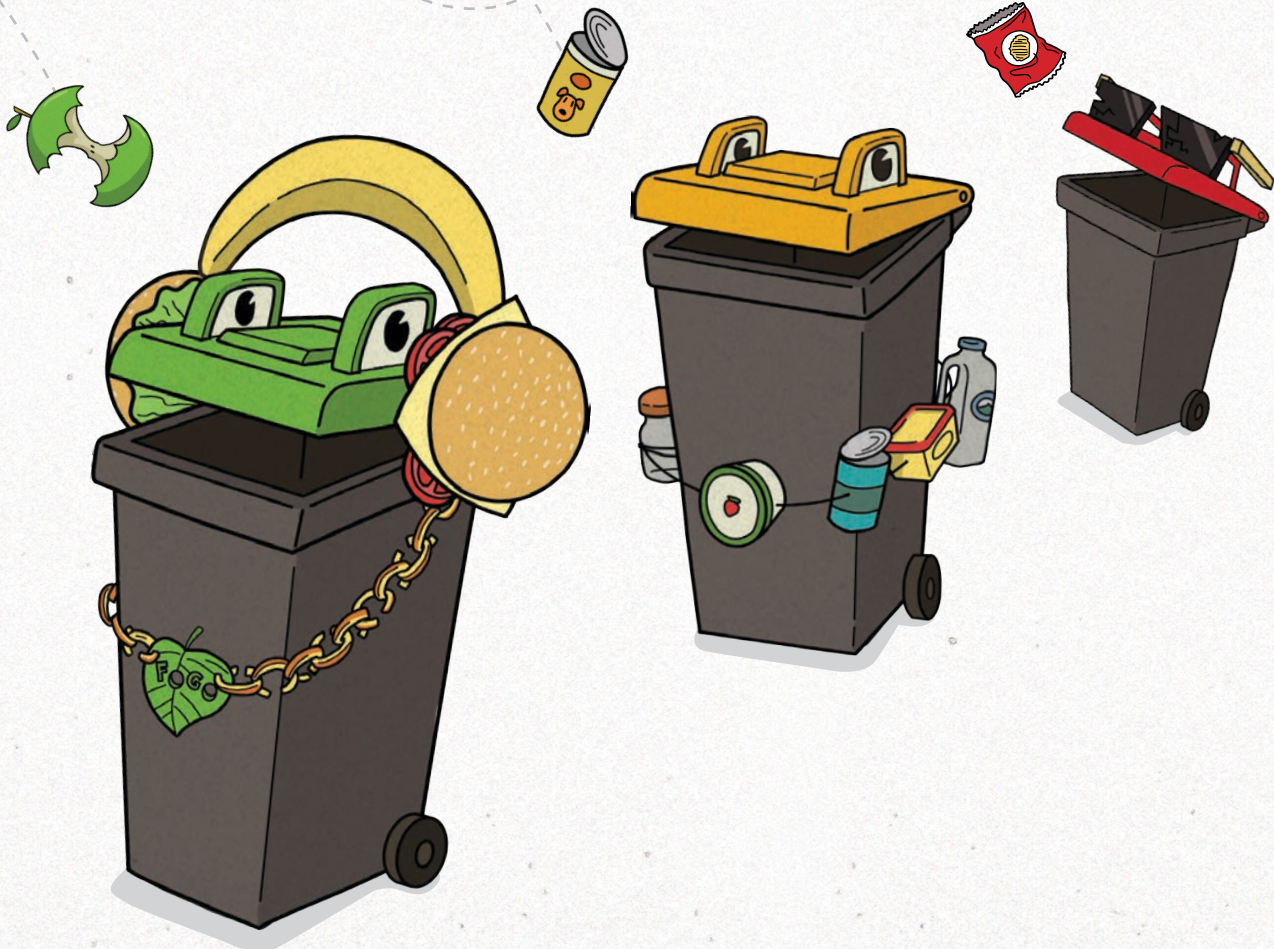


PENRITH

THE BINZ ADVENTURES

We love it when every
piece of waste goes
in the right place!



**NEVER WASTE A
CHANCE TO
BE GREAT WITH
WASTE**



Why sometimes it's good to go 'round in circles

(Educator read aloud activity)

Hey! We're the Binz (just like your regular bins, but cooler). We're all different colours because we have very different jobs, and that means very different types of waste belongs in us. But we'll get to that.

So, who better to take you on a bit of a journey than us, right!?

Over the next few pages, we're going to show you around the circular economy. Have a go at saying that word out loud, cir-cu-lar. Did you hear it!? It's just like 'circle'! The circular economy is the name we give to making something new from something old, and then using it again. So, it goes around and around, just like a circle! We want to show you how we (the Binz) fit into the circular economy, and what YOU can do to help us. Let's go!

Green FOGO Bin

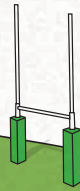


I make sure Food Organics and Garden Organics (FOGO) gets turned into compost!

My lid is green because plants and veggies are my favourite! Anything you might eat (toast, pizza, steak, you name it!) or comes from the garden (weeds, grass, leaves) belongs in me. The things I like turn brown or go a little yuck after a while because they are what's called 'organic' and break down over time.

My job is the most important because I turn everything put in me into compost (it's kind of like extra special dirt). This compost can then be used in parks and gardens to help plants grow. It can even be used in farms where more veggies are grown, so the cycle can start all over again! We keep it separate, to keep it going 'round and 'round!

FOGO Challenge Activity (individual, group or educator lead):
Draw a picture of the circular economy of your kitchen scraps in our online template found at penrith.city/binzadventures



Yellow Recycling Bin



I use glass to help make new roads!

My favourite things are called recyclables – glass bottles and jars, empty food tubs (like from your yoghurt and butter) and plastic bottles. I'm a little fussy, and I prefer when they've been rinsed first. My job is important because I make sure these are broken down and turned into other things. I even make sure things like glass that's put in me is used again to help make roads. Pretty cool, huh?

Recycling Challenge Activity (individual, group or educator lead):
Make a list of everything in your kitchen that goes into the yellow recycling bin and needs to be rinsed out first. (Which ones are tougher to get clean than others?)



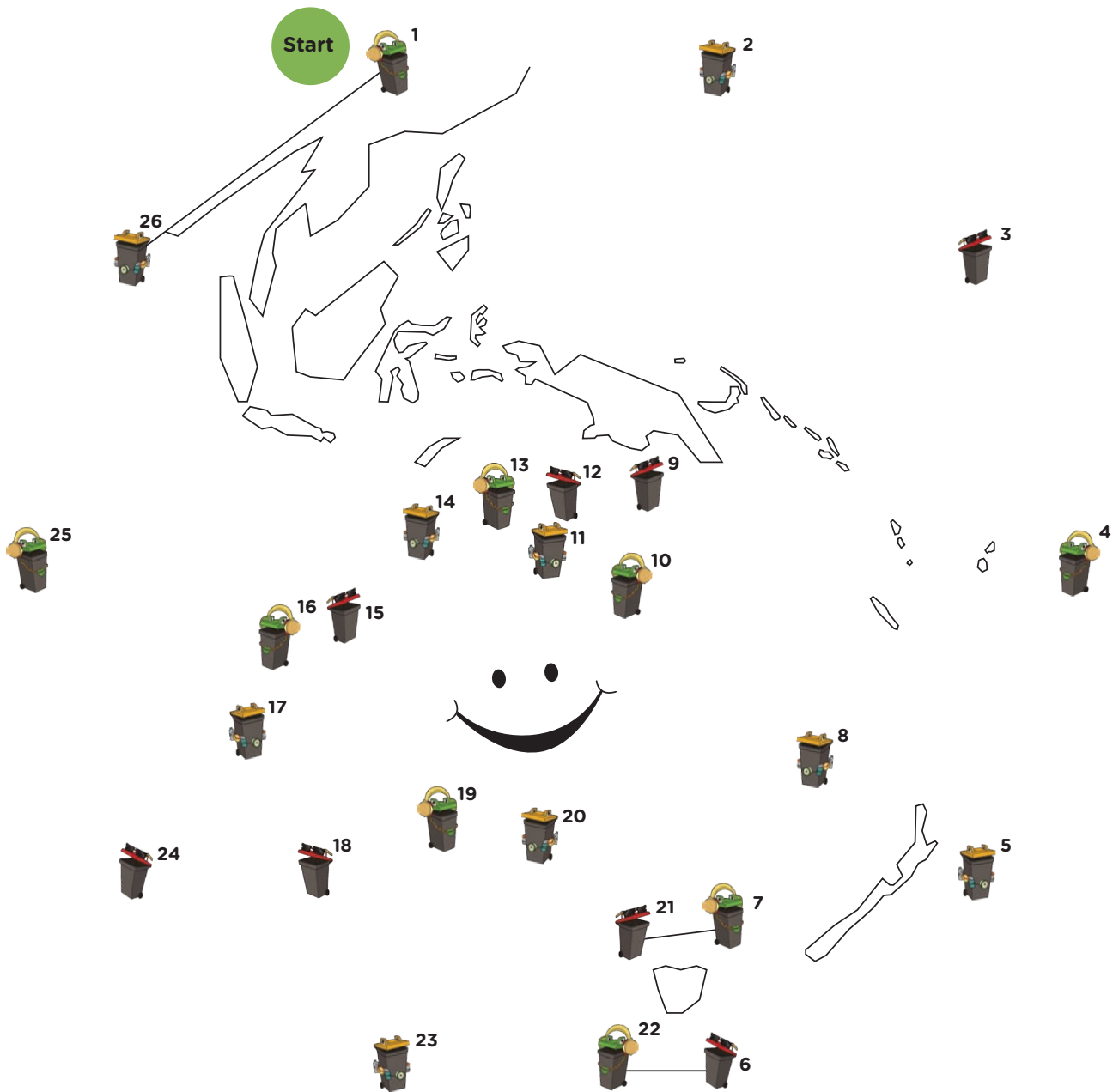
Red Residual Bin



I'm the leftover bin!

What goes in me is the non-recyclable stuff, because sometimes some items we use can't go into the circular economy. Unfortunately, what goes in me ends up being buried under the ground and is what we call "landfill". But my job is important because I help keep all of the things that can't be re-used out of the green FOGO bin and the yellow recycling bin that shouldn't be there so they can do their jobs properly. I'm such a good friend!

Red Challenge Activity (individual, group or educator lead):
Brainstorm three reasons why we need a red bin.



Together, we're a big part of the circular economy

We are ALL important in keeping things going 'round the circle, helping to reuse what we can. But really, you have the most important job of all. That's right, YOU!

We need people as clever as you to help us by making sure the right things go in the right bin, because we want a better future for you and our planet.

Join the Binz (a bit like join the dots) to reveal which planet we are trying to save when we sort our waste properly.

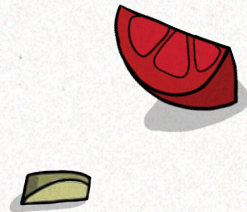
Download resources from penrith.city/binzadventures



THE BINZ GUIDE TO SORTING



FOGO style!
You can...



Slice food scraps

Dice food scraps

And once you're done preparing your meals and snacks...

Scrape food scraps into the green bag in your kitchen caddy

Sort your FOGO into the big green FOGO bin so it can go into the circular economy

FOGO it!



Discussion starter: What types of food goes in the FOGO bin? What does FOGO get turned into?



Recycling style!

Know what belongs in your yellow bin

Empty out anything left inside

Rinse the inside to make sure it's clean

Sort your waste into the right bin

Recycle it!

Discussion starter: What types of things can be recycled?



But where does the rest go?

Check if it can go in the yellow recycling bin or green FOGO bin and if it can't...

Chuck it in the **red bin** if it doesn't belong in the other two bins. But remember, all the things that go in this bin end up in landfill, so try and make sure you put your recyclables in your yellow recycling bin and food scraps in your green FOGO bin

Discussion starter: How can we make sure we don't send our recyclables and food scraps to landfill?

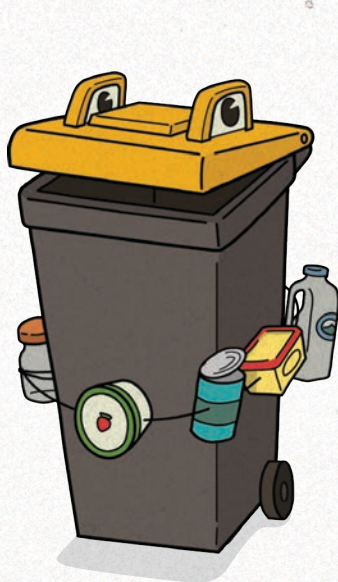
Do you want to learn even MORE about The Binz?

For more information and extra activities, visit penrith.city/binzadventures

THE BINZ ACTIVITIES



1. **Make a bag** out of an old or used t-shirt (no sew!)
2. **Make a kazoo** from a toilet roll
3. **Make a string telephone** out of two takeaway cups
4. **Make a windowsill garden** with an egg carton



Have you had a go at making a recyclable creation?

Post a photo on Instagram and include the hashtag **#penrithbinzadventures** to make sure we see it!

[penrith.city/binzadventures](https://www.penrith.city/binzadventures)



SORTED AND LADDERS



Roll the dice and if you land on a ladder, move straight up to the top of it. If you land on a piece of waste, you might slip down to the bottom of it, but if you pick the right bin it goes in, you can stay where you are.

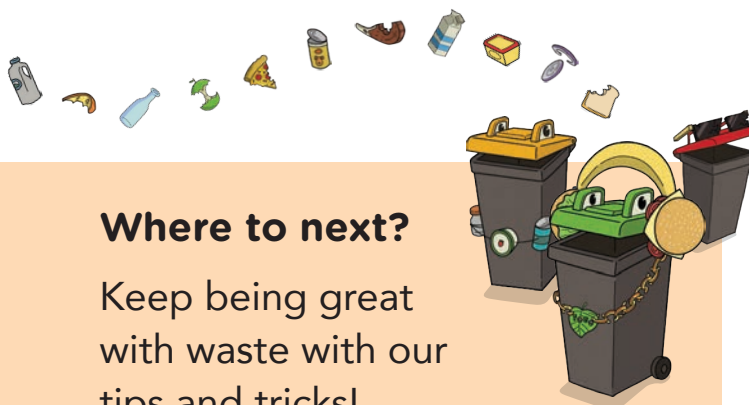
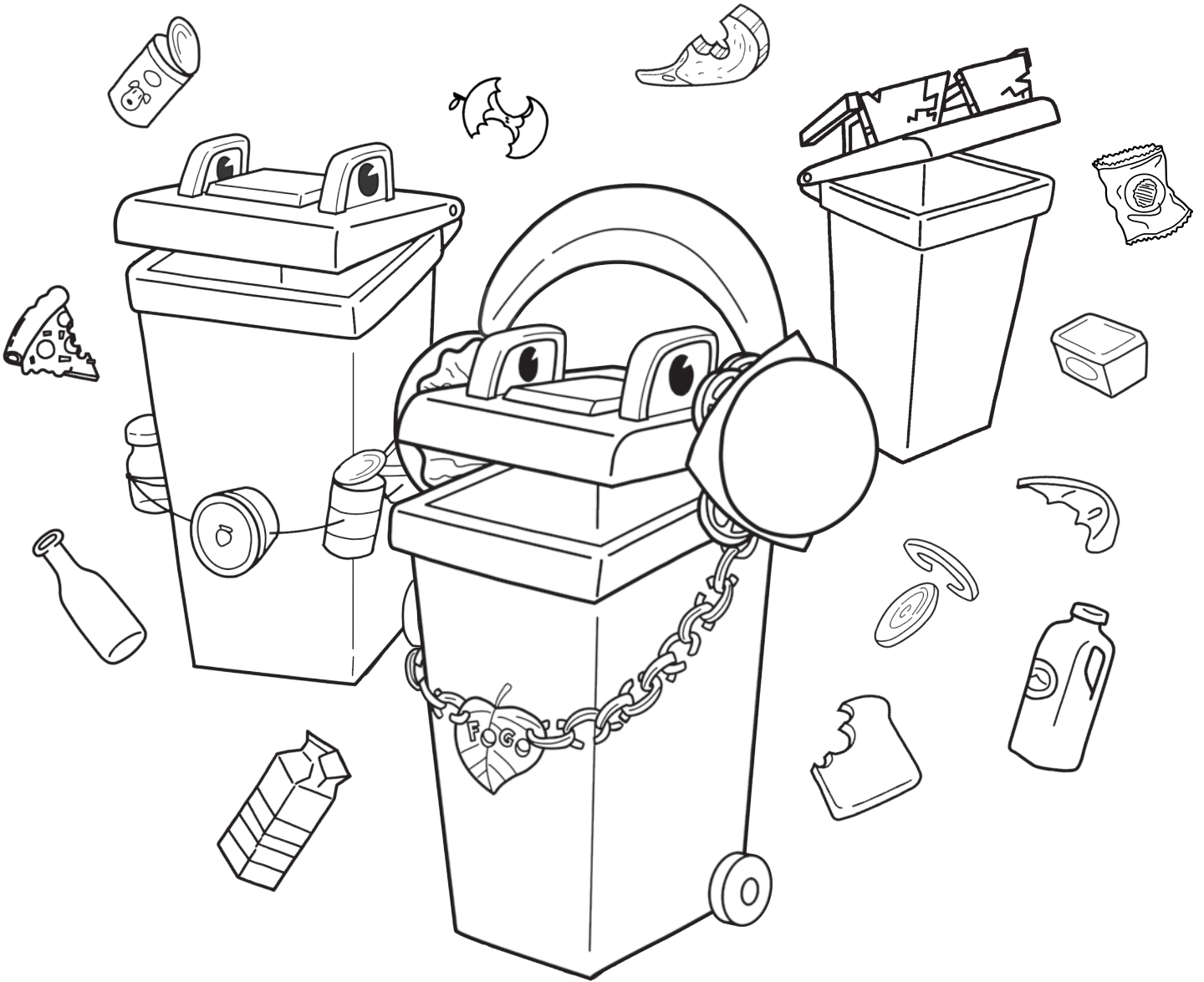
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THE BINZ COLOUR IN



Where to next?

Keep being great with waste with our tips and tricks!

penrith.city/binzadventures

Colour in the Binz and the items that go in each one. Then circle each item with the colour of the bin it belongs in.

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