



WIPING OUT WASTE 2020

Rumbalara Environmental Education Centre



Central
Coast
Council

WIPING OUT WASTE 2020



Aim:

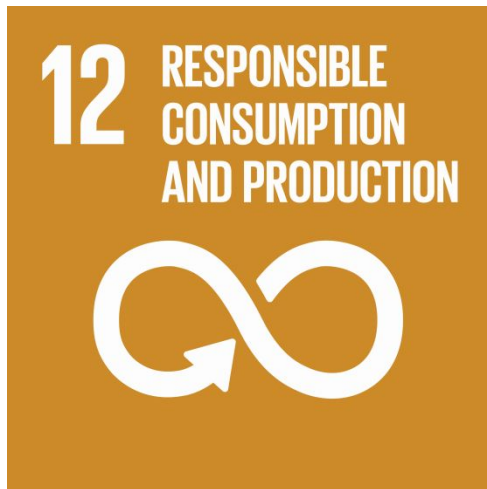
- less waste to landfill
- maximise resource recovery
- creating a zero waste culture in school communities
- changing habits and changing behaviours

Intended benefits: financial savings for each school and achieving sustainability outcomes.

This Program is delivered by Rumbalara Environmental Education Centre, funded by Central Coast Council and supported by Cleanaway kNOw Waste Educators.

UNITED NATIONS

SUSTAINABLE DEVELOPMENT GOALS



Learning to be less wasteful is part of being a good global citizen.
Sustainability is about considering the needs of future generations.





WIPING OUT WASTE - PROGRAM

- **WOW Team Meeting** (REEC + School)
- **Waste Collection** (School - cleaner)
- **Waste Audit** (REEC + School)
- **Professional Development** (REEC + School)
- **Schools Action Plan & Implementation** (School)
 - Key recommendations – Introduce
 - Waste Free/Nude Food Lunches & take uneaten food home
 - Food Organics Garden Organics (FOGO) collection – offered by Remondis (weekly on Wednesdays)
 - 10c Returns – Envirobank or Return & Earn (on demand)
 - Mixed recyclables – Cleanaway (fortnightly 240L or 360L)
- **Cleanaway *kNOw* waste Program** (Cleanaway + School)



PROBLEMS AND SOLUTIONS

WHO? WHEN? WHERE? HOW? WHY?

Getting whole school community commitment	
Who?	
When?	
Where?	
How?	
Why?	

1. Getting whole school community commitment
2. How to make our recycling program sustainable
3. How do we encourage families/students to have nude food/zero waste lunches?
4. Contamination of the recycling bins
5. Finding time at school when everyone is busy
6. Clean soft plastic going into landfill, when it can be recycled (via Redcycle bins at most major supermarkets)
7. Eligible drink containers going into landfill, when they can be recycled for 10c each (via Return & Earn/Envirobank)
8. Recyclable items going into landfill, when they can be recycled (yellow lid bin)
9. Large quantities of re-usable (printed on one side only) clean office paper going into landfill or recycling
10. Food waste and compostable paper going to landfill

WHERE DOES YOUR SCHOOL WASTE GO?



Skip bins to landfill



CONTAMINATED RECYCLING...WHAT IS IT, AND WHY IS IT IMPORTANT TO AVOID IT?



- ❑ Contamination is when the wrong items are in any particular bin. The waste/rubbish is mixed together and the recyclable items cannot be recycled.
- ❑ Examples of mixed contamination: banana skins, chip packets, yoghurt tubs, ziplock bags, drink containers (with straws and liquid inside), sandwich crusts.
- ❑ Resources may not be recycled if they are contaminated.
- ❑ How can you avoid contaminating recycling?
- ❑ If you have different bins for different items, make sure you put your waste into the correct bin, eg: food scraps into GREEN organic bin, drink containers (10c returns) into ORANGE bin.



WIPING OUT WASTE COLOUR WHEEL



Organics - **Green**

Recyclables – **Yellow**

10c Returns - **Orange**

Landfill – **Red**

Soft Plastics - **Purple**

Paper and Cardboard – **Blue**





GENERAL WASTE - RED

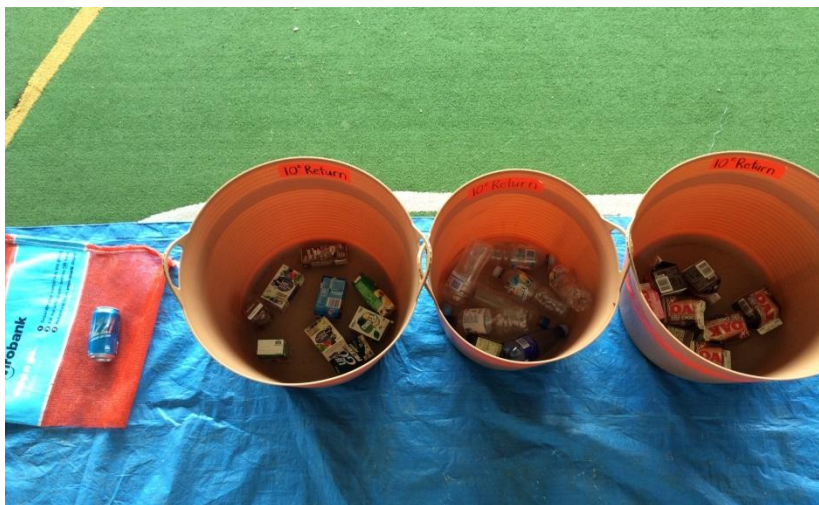


MIXED RECYCLABLES - YELLOW





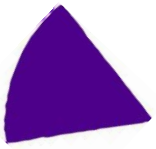
10c RETURNS - ORANGE





FOOD/ORGANIC WASTE - GREEN





SOFT PLASTICS - PURPLE





PAPER AND CARDBOARD - BLUE



WASTE AUDIT DAY – SORTING, WEIGHING AND RECORDING



LESS WASTE TO LANDFILL

We can **REDUCE** the amount of waste that goes into landfill if we sort it out.



BEFORE

42- 44 bags of rubbish to landfill (red)

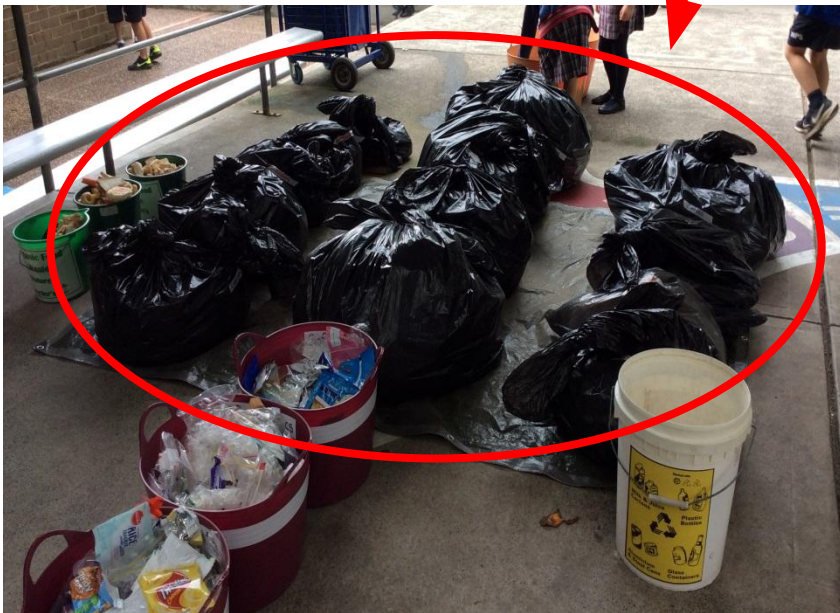


AFTER

5 bags of rubbish to landfill (red)

LESS WASTE TO LANDFILL

Please note: There are also more waste/rubbish bags inside the these bags.



BEFORE

More than 12 mixed bags



AFTER

2 bags (red/landfill bags)

SORTING WASTE INTO WOW BUCKETS – 6 COLOURS

Please note: This is a smaller school with less waste/rubbish per day.



BEFORE



AFTER

1 small bag (red)



THE BIG ISSUES IN SCHOOLS

School children are throwing their lunches into the bin. This includes whole fruit and vegetables, whole sandwiches, yogurts, snack bars, chips/popcorn packs, full unopened drinks...plus many other items.



HOW CAN YOU MAKE A DIFFERENCE IN YOUR SCHOOL?



- ❑ Take uneaten food/lunches home & eat later
- ❑ Introduce “Nude Food” days (no plastic wrapping), eg: Waste Free Wednesday
- ❑ STOP! Before you DROP! (think...are you putting your waste into the right bin?)
- ❑ Start up a composting system and put some of your organic waste (food scraps) into it.
- ❑ Sign up for a Food Organics collection service.
- ❑ Introduce 10c Return & Earn eligible container collection (remember: put straws into the landfill bin, and place empty containers into the Return & Earn bin)



FOOD/ORGANIC WASTE – UNEATEN WHOLE FRUITS



Please don't waste food.

- **DO NOT THROW OUT** your uneaten food .
- **PUT** any uneaten food back into your lunchbox or bag and take it home (eat this food for an afternoon snack or share with family).
- **TALK** to your parents/carers about what you like to eat for lunch and recess. (they won't want you to be wasting food they bought)
- **ASK** your parents/carers to cut larger apples/fruit into smaller sizes, bring half an apple, share with siblings to save food waste.
- Throwing food into the bin is like throwing money into the bin.

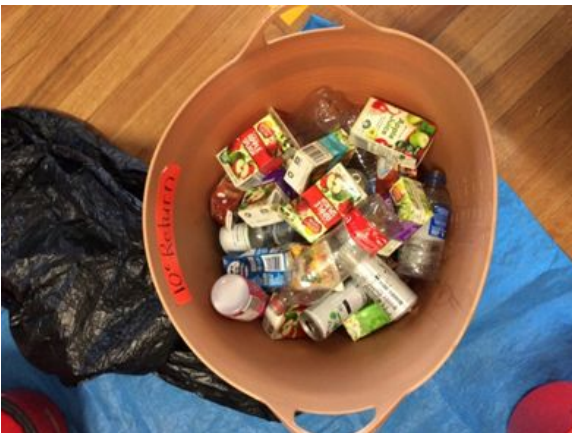


10c RETURN & EARN ELIGIBLE CONTAINERS



Please remember:

- Take straws out – bin them.
- Make sure container is empty
- DO NOT crush container
- Check container has 10c Return on the label



10c Returns - eligible containers

SOFT PLASTICS - PURPLE

- Teacher resources: Redcycle, Replas and Plastic Police
- <https://www.redcycle.net.au/>
- <https://www.redcycle.net.au/resources/>
- <https://www.replas.com.au/>
- <https://plasticpolice.com.au/>



From soft plastics to new products...



Soft plastics...

- can be difficult to sort properly in schools
- need to be clean
- can go back home in your lunchbox to be recycled – at a Redcycle drop off point eg: Coles
- can be recycled into new plastic products

APPLE ACTIVITY – HOW MANY APPLES?



- Discuss the two images (eg: open ended questions - Who/What/When/Where/Why?, de Bono's 6 Thinker's Hats).
- Maths: Tally/graph apples (L-R whole apples, 1-2 bites, 3-6 bites, half eaten, mostly eaten, apple core).
- ES1/S1 – picture graph, S2 – tally and number graph, S3 - tally and number graph. How many apples? – calculate per day/per week/per term/per year? (estimate and calculate approximates).



WIPING OUT WASTE CONTACTS



Rumbalara Environmental Education Centre

Wiping Out Waste program

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Teachers:

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Administration

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Cleanaway

‘kNOw waste’ Schools and Community Education program.

Education Officers:

Michelle Murrell (Mon – Wed)

michelle.murrell@cleanaway.com.au

Joanne Hill (Thurs – Fri)

joanne.hill@cleanaway.com.au



ENVIRONMENTAL WEBSITES & CONTACTS



- Rumbalara Environmental Education Centre
- <https://rumbalara-e.schools.nsw.gov.au/programs/wiping-out-waste-2019.html>
- Central Coast Council
- <https://www.centralcoast.nsw.gov.au/>
- Cleanaway
- <https://1coast.com.au/education/schools-community-education/>
- Planet Ark
- <https://recyclingnearyou.com.au/>
- Take 3 For The Sea
- <https://www.take3.org/>
- Redcycle
- <https://www.redcycle.net.au/>
- Replas
- <https://www.replas.com.au/>
- Remondis – Rochelle Doherty, Food Organics Garden Organics (FOGO)
- rochelle.doherty@remondis.com.au (Rochelle can also offer 10c Returns)
- Envirobank – Sarah McEwen, 10c Returns
- smcewen@envirobank.com.au

