



# TUGGERAWONG PS

## WOW

## CASE STUDY

School size: 239 students and 20 staff



*We pay our respect to these lands that provide for us. We acknowledge and pay respect to the ancestors that walked and managed these lands for many generations before us. We acknowledge our youth who are our hope for a brighter and stronger future and who will be our future leaders.*



# Wiping Out Waste 2019

## Aim:

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



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

*This was a Pilot Program delivered by Rumbalara Environmental Education Centre, funded by Central Coast Council and supported by Cleanaway Waste Educators.*

# Thinking globally and acting locally

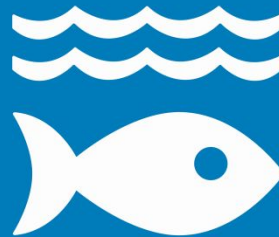
## United Nations

**SUSTAINABLE  
DEVELOPMENT  
GOALS**

**12** RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



**14** LIFE  
BELOW WATER



**15** LIFE  
ON LAND



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



In the past Tuggerawong PS has not had the environment as a major focus.

The school participates in Clean Up Australia Day each year and has had a gardening group.







# Tuggerawong PS Waste Audit in 2019



**BEFORE**



**AFTER**



# Tuggerawong PS Waste Audit Day



Soft Plastics



10c Refunds

ORGANICS



We measured all the waste from one day and recorded the mass and volume of each category - organic, paper and cardboard, recyclable containers and mixed waste.

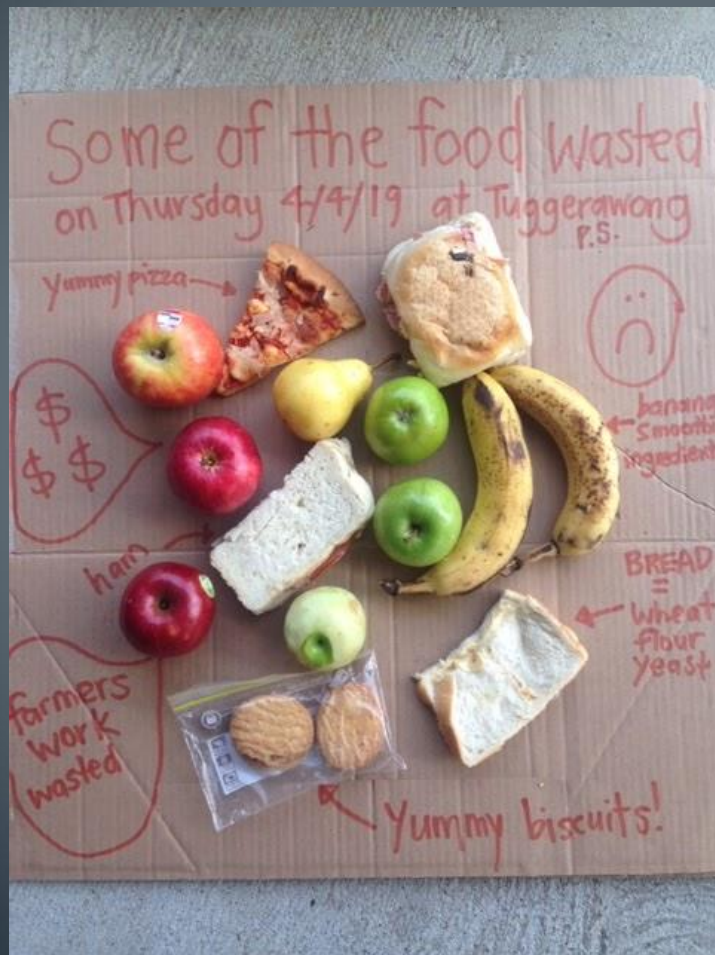




Student Leaders reported to their fellow students about the findings of the Waste Audit and discussed ACTION IDEAS.



# FOOD WASTE FROM ONE DAY! FOUND IN OUR WASTE AUDIT

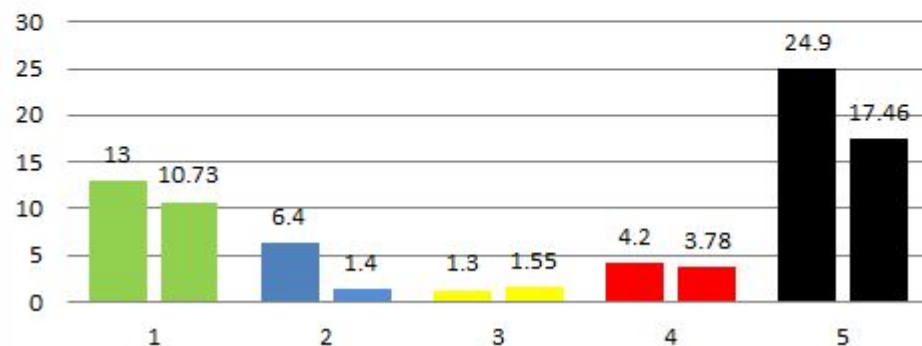


We made a little Wiping Out Waste display for the parents who came to the Assembly.

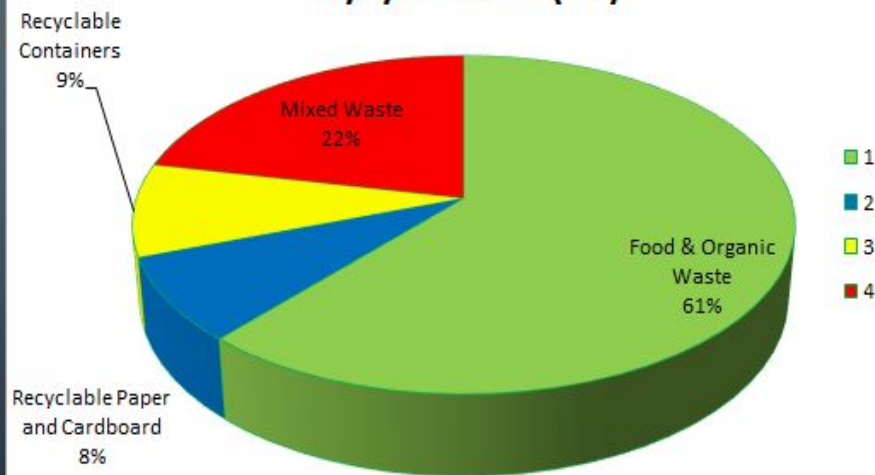


# Waste Audit Results

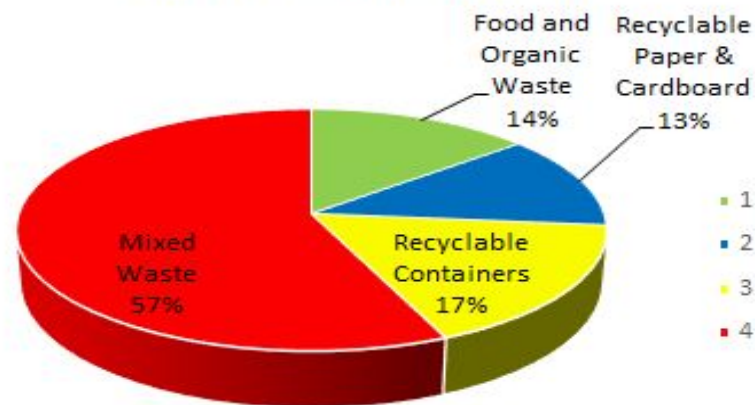
## Tuggerawong PS COMPARISON Waste Audit 1 & 2 Mass (Kg)



## Tuggerawong PS Waste Audit 14/6/19 Mass (KG)



## Tuggerawong PS Waste Audit 14/6/19 Volume (Litres)





Return & Earn or Envirobank.

6 bags - School.  
17 Classroom - 23  
Garbage  
Bags.  
↓

13 Poppas

33 containers  $\times 10^c =$

$\boxed{\$3.30}$

20 Containers

33

Tuggerawong PS.

1 Day	$3.30 \times 1 = \$3.30$	average.
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1 Week	$3.30 \times 5 = \$16.50$
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1 Term	$16.50 \times 10 = \$165.00$
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1 Year	$165 \times 4 = \boxed{\$660.00}$
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What would you buy for  
TPS with \$660.00



**Problem: Earn and Return containers were going into waste**

**Solution: Remove earn and return containers from the common waste**



Everyone has worked together to ensure we collect all containers in a few central points. Containers are collected at a single point for students in the COLA and a single point in the staffroom. One staff member has taken on the role to collect and return all containers regularly.



# OUR PLANS for

## Wiping out Waste in the future

- Continue to collect earn and return containers
- Introduce worm farm for some food collection
- Introduce food collection on a class basis if they have a family willing to take food scraps
- Develop a plastic reduction program in consultation with the Canteen

