

GREEN PROJECT

PRESENTED BY EMMA POTTER

CANBERRA GRAMMAR SCHOOL

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POSITIVE CHANGE FOR THE PLANET

The Green Project

Working Towards Zero Waste

WHAT IS THE GREEN PROJECT?



WHEN?

Proposed in Term 1, launched in Term 2, 2022



WHAT ?

Initiating sustainable practices within the school community.



WHY?

- To nurture mindfulness about sustainability.
- To enact waste avoidance.
- To empower young people to effect positive environmental change.

EXAMINED ISSUES



Amount of Waste Created

TOTAL - ALL SITES

Stream	Bins	kg/m3	Volume (m3)	Volume (%)	Weight (kg)	Weight (%)
Waste	98	58.85	24	41%	217	68%
Cardboard	28	26.33	31	53%	0	0%
Comingled	15	35.08	4	6%	104	32%
TOTAL	141		58		321	



Statistics from Feb 2022

Data provided by JJ Richards Waste
Managementl

BRAINSTORMED IDEAS



**CURRICULUM
& PYP UOI'S**



REUSABLES



**INDIVIDUAL
ENDEAVOURS**



**SUSTAINABLE
ACTIONS CGS
IS ALREADY
DOING**

**WE CAN TRANSFER
LEARNING INTO REAL
WORLD ACTION**



CONTACTS & RESOURCES

ZEROWASTE SCHOOLS AUSTRALIA

Paula McIntosh



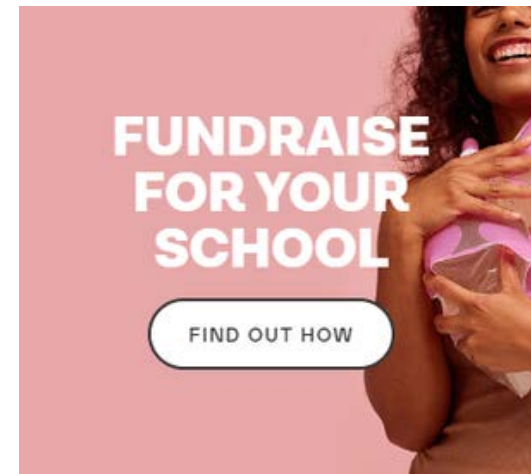
MR ADAM HALL

Director of Service and Action

Canberra Grammar School

ZEROCO

Jack Aubort



ACTSMART SUSTAINABLE SCHOOLS PROGRAM

Sarah Anderson – Project Officer

RECOLLECT



ANDREW VANCE

Melbourne Girls College



Title: Working Towards a Zero Waste Primary School

Author: Emma Potter

Version: 1.2

Latest Revision Date: 17/03/22

Contents

Title: Zero Waste Primary School

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Working Towards Zero Waste Canberra Grammar School

VERSION 1.1

The Premise

Through the Head of House Leadership of Dhuriri House, Canberra Grammar School recognised that the amount of waste sent to landfill is excessive and should improve if we (as educators) are delivering a message of care, compassion, and sustainability through the Primary Years Program (PYP) teaching framework and the Australian Curriculum. Education for sustainability develops the knowledge, skills and values necessary for people to act in ways that contribute to more sustainable patterns of living. It is futures-oriented, focusing on protecting environments and creating a more ecologically and socially just world through action that recognises the relevance and interdependence of environmental, social, cultural and economic considerations (Australian Curriculum Assessment and Reporting Authority).

Data from our maintenance crew revealed that the current rubbish bins provided by the School are not being used by the students correctly. Despite having recycling and landfill bins, students are not **recognising** the separation and landfill waste is contaminating the recycling bins. The recycling cannot be placed in our larger recycling bins to be collected by JJ Richards each week and goes straight to landfill. The latest report from JJ Richards can be viewed below or via this [link](#).

JJ Richards Waste Management Program – CGS
Reporting Month: Feb-22

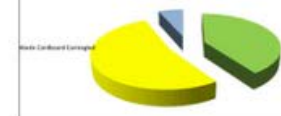
Average Weights per m3	
General Waste	\$8.85
Cardboard	26.33
Commingled	35.06

LOCATION SPECIFIC

[illegible]

TOTAL - ALL SITES

Volume (%) - All Sites



Weight (%) - All Sites



PROPOSAL

- Identify goals
- Identify strategies
- Identify timeline
- Reflection

POLICY

- Identify expectations
- Identify behaviours
- Identify actions
- identify targets

DOCUMENTATION

SHARED THE VISION



PRESENTED

Primary school staff meeting



SURVEYED

Using Microsoft Forms

The screenshot shows a Microsoft Forms survey interface. The title is 'Green Project - working towards zero waste'. Below the title, there is a thank you message: 'Thank you for spending the time to provide feedback on this project.' The survey question is: '1. Would you support a Green Project at school with your students? (tick all that apply)'. There are four checkboxes with corresponding text: 'Yes, I want to apply the teaching I am delivering to students into meaningful action.', 'Yes, I would also like support with teaching resources.', 'Yes, I think our parent community would benefit from education on sustainable actions.', and 'Yes, I would like further professional development on waste audits, recycling, composting.' The survey is set against a background of green grass.





TIME FOR STUDENT LED IMPLEMENTATION



WASTE AUDIT

Conducted by ACTSMART with Green Team students on site.



DATA COLLECTION

Waste was calculated and shared with the school community.



BRAINSTORMING

Green Team students analysed the data and came up with solutions.



ACTION

- Re-collect bins throughout the school.
- Recycling of stationary and coffee pods
- Zeroco Fundraiser

Waste Audit

Last term Year 2-6 did a waste audit on 3 school bins around the school.

Year 2, 3 and 4 emptied a Year 4 bin and a Year 3 bin and looked at what was thrown away.

Year 5 and 6 emptied a Year 5 bin and looked at what was thrown away.



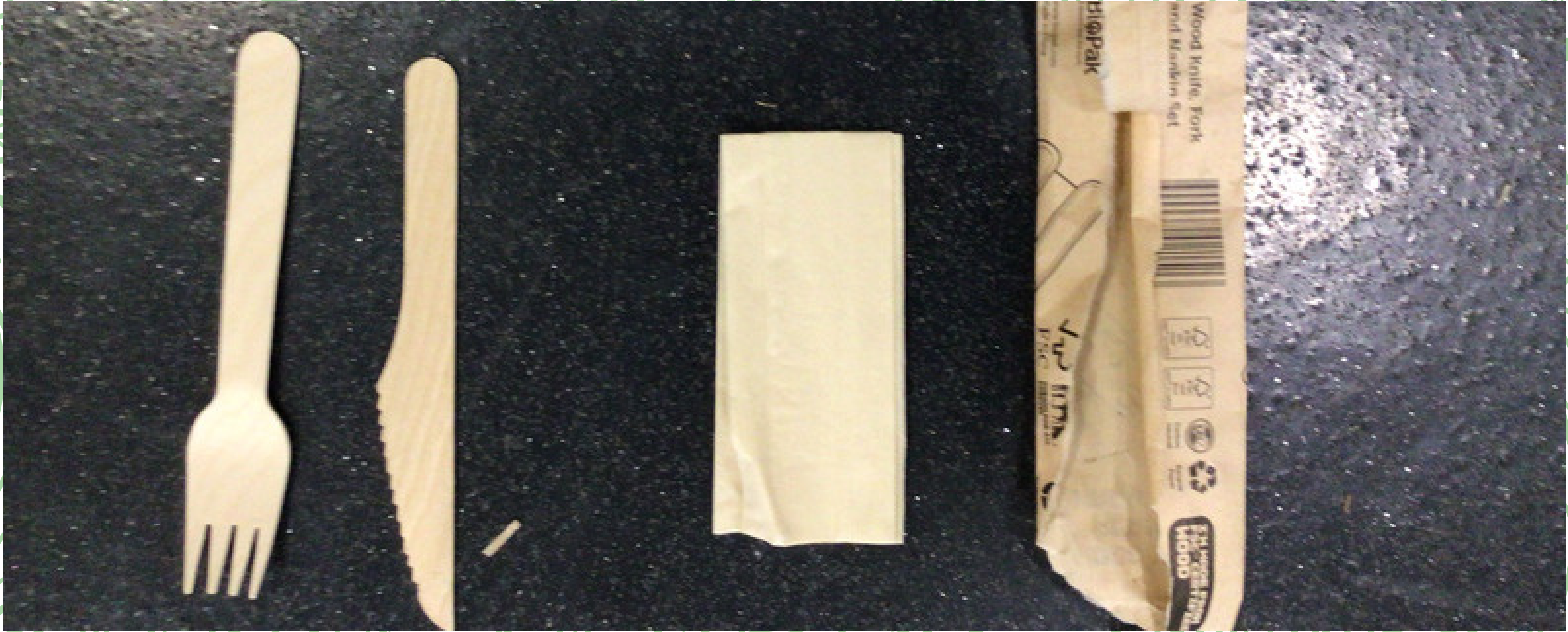
Year 5/6



Year 2



Year 3/4



Waste Audit Year 5/6 – 7/6/2022

Data Collected from 1 landfill bin (120L) in the Year 5 eating area

	Year 5 students in attendance	Waste to Landfill	Mixed Recyclables	Food Waste	Total Waste
		2 x 13.86L	3 x 13.86L	0.8 x 12.74L	
Total	118	27.72L	41.49L	10.192L	79.402L

Waste Audit Year 2/3/4 – 15/6/2022

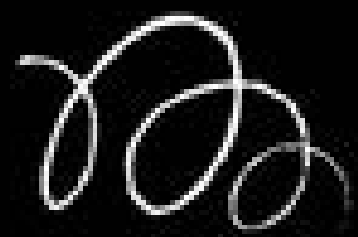
Data Collected from 1 landfill bin (120L) in the Year 3 eating area

	Year 5 students in attendance	Waste to Landfill	Mixed Recyclables	Food Waste	Total Waste
		1 x 13.86L	2 x 13.86L	0.3 x 12.74L	
Total	118	13.86	27.72	3.822	45.402L

Data Collected from 1 landfill bin (120L) in the Year 4 eating area

	Year 5 students in attendance	Waste to Landfill	Mixed Recyclables	Food Waste	Total Waste
		3 x 13.86L	1.5 x 13.86L	0.1 x 12.74L	
Total	118	41.58L	20.79	1.274	63.644L

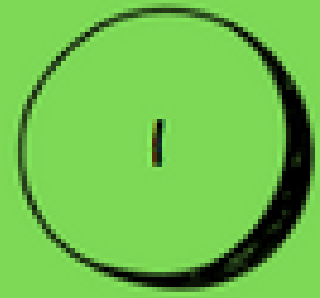




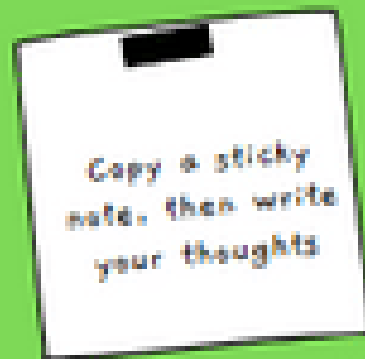
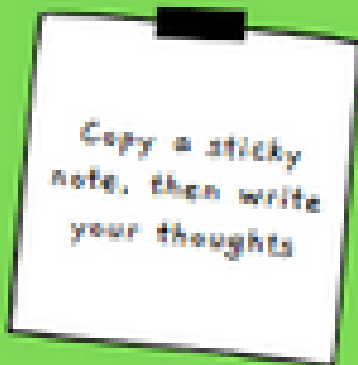
What can we do?



Summary



Write action items in the boxes.



Action 1

Recycle
bottles
using the
10c return
bins

Action 2

Improve
how we
compost

Action 3

Change the
sauces
from the
canteen.



Action 4

Talk to
the
canteen



I can be filled
with cans,
bottles and
poppers

CDS Bins

The green team have set up an account with Re-collect, who provide the Container Deposit Scheme Bins. These bins will help our school reduce the amount of containers that we are sending to landfill.



- Dashboard
- History
- Organisation
- Tax Receipts (Donations)
- Email Out Directly
- Redeem
- Growth Plan 1/9
- Night Mode
- Sign Out

Canberra Grammar School Approved

Referral link: <https://app.re-collect.com.au/canberragrammarschool>

Need some help? Check out [Your Donations Section](#) for reporting and tax receipts. Visit [Your Growth Plan](#) for tools to get more donations!

1 Donors 3 Shares 1/9 - Not Featured

AU \$87.68
Organisation Balance



FILTERS

	\$0.00 Total returns		114 kg Greenhouse gas saved
	\$87.68 Total donated		391 kWh Energy saved
	1,175 Total containers		60.1 kg Spared from landfill
	0 Total electronics		

Canberra Grammar School



Status: Approved

To improve our sustainable actions at school.

Website

Referral link: <https://canberragrammarschool>

E-Transfer email: emma.potter@cgs.act.edu.au

1 Donors 3 Shares 1/9 - Not Featured

Your Growth Plan

Instagram

Home

Search

Explore

Messages

Notifications

Create

Profile

More



recollectau



recollectau Winner winner Masked Binner!

When Emma Potter from @canberragrammar approached us about having CDS bins set up at their school little did we know they would launch in such spectacular fashion! The students came up with the idea of running the 'Masked Binner'.

They had student and staff volunteers get inside and sing a song, then the assembly had to guess who it was.

What a fun and memorable way of introducing the bins!!

You can show the students some love by donating the containers from your next pick up and by leaving them a note below!

.....

#recollectau

#homepickup



Liked by benny_jack_crazy_mummy and others

AUGUST 12



Add a comment...

Post

Fundraise with Purpose



SUSTAINABLE SCHOOLS



Help us raise money,
and solve the single-use
plastic problem!



Pen and Marker Recycle Program

What can go in the box ✓



Pens



Felt tips



Highlighters



Markers



Mechanical
pencils



Correction tape



Liquid Paper



Fountain pens /
ink cartridges

What can't go in the box ✗



Glue sticks



Rubbers



Rulers



Pencils



Sharp objects

For more information visit
[officeworks.com.au/SchoolRecycling](https://www.officeworks.com.au/SchoolRecycling)

Officeworks



Watchable by cgs.act.edu.au.

Canberra Grammar Video

Unlisted

33 views 9 Aug 2022



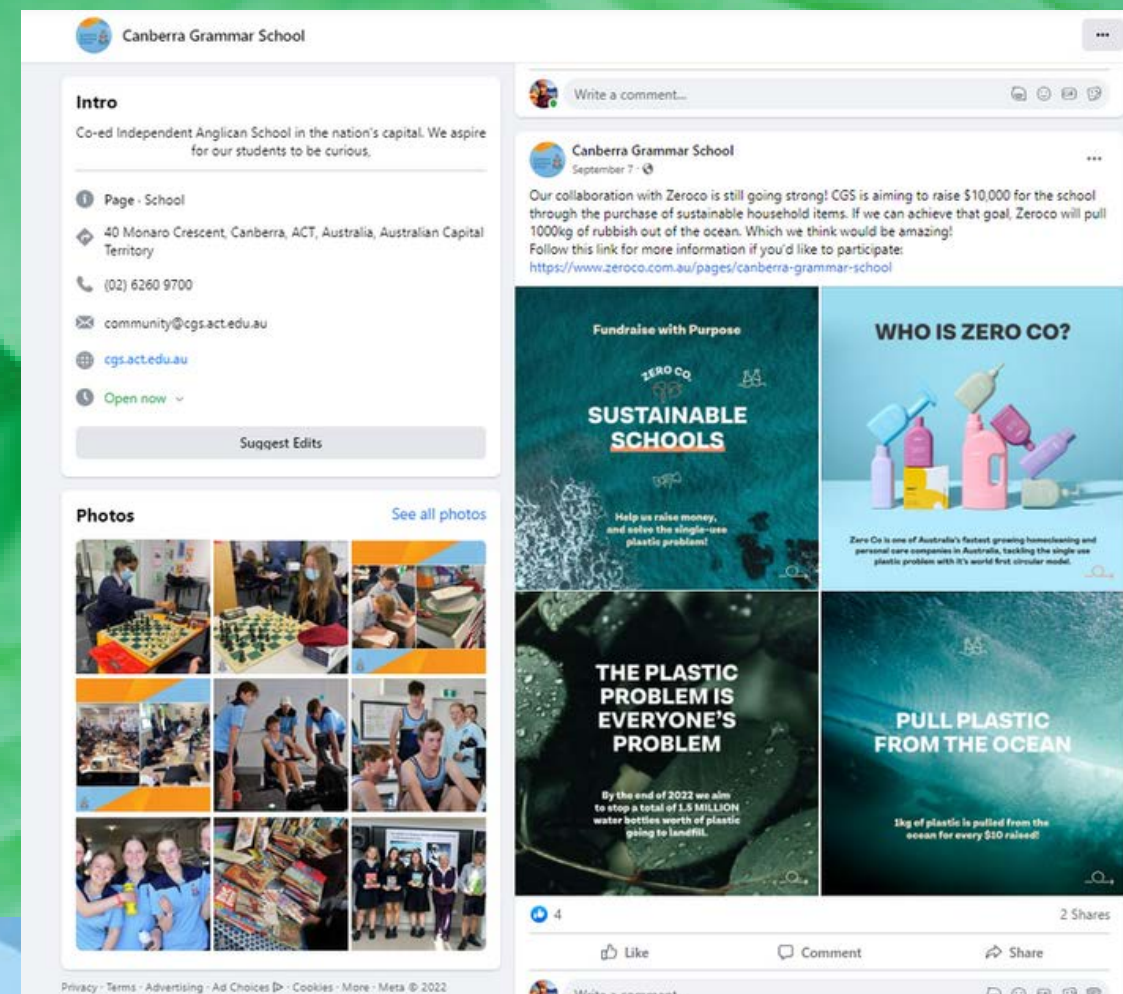
14 October 2022

Re-collect – The Green Team

Our Primary School has successfully reduced its landfill impact by making use of the six Re-collect Bins that are placed throughout our playgrounds. These bins were introduced to our school by our Green Team students after they discovered how many of our drink containers were entering our landfill bins from canteen orders or drink containers brought from home. These bins have been in place since Term 3 this year, and our Primary Students and (staff members) are working hard at changing their behaviours by using these bins at break times. So far, we have collected over 1000 containers, and plan to collect at least this many during Term 4.

The central purpose of these bins is to minimise our impact on landfill, but the Green Team are also raising money to purchase compost cones for our playgrounds. If you would like to contribute to this initiative from home please [click on this link](#) and it will take you to a page where you can select CGS as a donation point.

Thank you for your support, and I would love to hear from you if discussions about our bins or behaviours at home change due to what we are doing at School. You can contact me by emailing Emma.Potter@cgs.act.edu.au.



Date: Tuesday 18th 2022

Week: 2

Day: 2

Messages for Students



Thank you so much to those people who have saved textas, highlighters, markers and pens from landfill. Sophie and Naaz from the Green Team helped to collate them yesterday. If you still have boxes in your learning areas that need to be emptied, please bring them up to Mrs Potter's office in the PE department.



REFLECTIONS



WHERE TO NEXT

**School-wide UOI - Sharing the Planet
2023**



WHERE TO NEXT

Soft plastics



WHERE TO NEXT

Canteen waste



MORE INFO ? CONTACT ME



Canberra Grammar School



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6260 9600

CONTACT ME

Please get in contact if you would like to chat about similar projects at your school.

