



Wiping Out Waste

Professional Development Group Discussion

Collated Responses



Barriers for Change – Problems & Solutions

As a result of the professional development delivered to teachers from the Wiping Out Waste Program, here is a collated list of their responses -

The Barriers Identified -

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 Recycle 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



Getting whole school community commitment – Solutions

<p>Who? Is responsible</p>	<ul style="list-style-type: none"> • WOW Program and Partners • WOW Committee • Students/School & House Captains/ Prefects/ Student Representative Council (SRC) • Teachers and School Admin Staff • Environmental Club/Committee 	<ul style="list-style-type: none"> • General Assistant • Cleaners • Gardeners • Families/Parents/Carers • P&C Committee • School Community • Canteen
<p>When? Can this be implemented</p>	<ul style="list-style-type: none"> • Upon joining Wiping Out Waste (WOW) School Program and ongoing • Once WOW Sustainability Action Plans/Timeline and Timeframes are established • When necessary resources and funding have been allocated 	
<p>Where? Will this be implemented</p>	<ul style="list-style-type: none"> • Administration Building • Staff Room/Offices • Classrooms 	<ul style="list-style-type: none"> • Playground • School Grounds • Homes/Families
<p>How? Can we implement this</p>	<ul style="list-style-type: none"> • Encourage a whole school culture supporting environmental sustainability • Set up realistic goals and timeline (start small with view to increase) • Access support from Wiping Out Waste Program and Partners ; Rumbalara Environmental Education Centre, Cleanaway Education and Central Coast Council • Promotion – newsletters, media, school apps, emails and social media • Establish roles and responsibilities eg food scrap Friday, roster for soft plastics to supermarket • Implement resources – colour coded bins, organics recycling equipment, posters, stickers, t-shirts etc • Action Plans must be implemented to create significant changes for environmental sustainability 	
<p>Why? Is this important</p>	<ul style="list-style-type: none"> • Less waste to landfill • Funds Saving = Fundraising • Resource Recovery (RR) - extracting valuable recyclables from waste • RR = Input materials to create valuable products as new outputs 	<ul style="list-style-type: none"> • Contribute towards ensuring environmental sustainability • Ideas + Action = CHANGE • To keep up the 'Wiping Out Waste' WOW Momentum



How to make our recycling program sustainable – Solutions

<p>Who? Is responsible</p>	<ul style="list-style-type: none"> • WOW Program and Partners • WOW Committee • Students/School & House Captains/ Prefects/ Student Representative Council • Teachers and School Admin Staff • Environmental Club/Committee • Canteen 	<ul style="list-style-type: none"> • General Assistant • Cleaners • Gardeners • Families/Parents/Carers • P&C Committee • School Community
<p>When? Can this be implemented</p>	<ul style="list-style-type: none"> • Starting with implementation of Wiping Out Waste (WOW) School Program • When school has system in place and feels ready to include in daily school routine • Once Action Plans are established 	
<p>Where? Will this be implemented</p>	<ul style="list-style-type: none"> • Administration Building • Staff Room/Offices • Canteen • Classrooms 	<ul style="list-style-type: none"> • Playground • School Grounds • Homes/Families
<p>How? Can we implement this</p>	<ul style="list-style-type: none"> • Encourage a whole school culture supporting environmental sustainability • Set up realistic goals and timeline (start small with view to increase) • Access support from Wiping Out Waste Program, Rumbalara Environmental Education Centre, Cleanaway Education and Central Coast Council • Promotion – newsletters, school apps, emails and social media • Implement resources – bins, posters, stickers, t shirts etc • Involve House Sporting Groups - points system • Include in daily School/Class routine – all students, staff, teachers shared responsibility 	
<p>Why? Is this important</p>	<ul style="list-style-type: none"> • Less waste to landfill • Save money in rubbish removal costs (skip bin hire & removal) • Resource recovery (10cent returns, soft plastics, co-mingle recycling & organic waste/worm farm/ compost) • To ensure that we are recycling correctly • Contribute towards ensuring environmental sustainability 	



How to encourage families/students to have nude food/zero waste lunches? – Solutions

<p>Who? Is responsible</p>	<ul style="list-style-type: none"> • WOW Program and Partners • WOW Committee • Students/School & House Captains/ Prefects/ SRC • Teachers and School Admin Staff • Environmental Club/Committee Canteen 	<ul style="list-style-type: none"> • General Assistant • Cleaners • Gardeners • Families/Parents/Carers • P&C Committee • School Community
<p>When? Can this be implemented</p>	<ul style="list-style-type: none"> • Lunch and recess • Start with one day per week with intention to expand to daily practice 	
<p>Where? Will this be implemented</p>	<ul style="list-style-type: none"> • COLA (Covered Outdoor Learning Area) – Eating Area • Classrooms – Fruit Breaks, ‘Eating Inside’ Lunch breaks • Staffrooms 	
<p>How? Can we implement this</p>	<ul style="list-style-type: none"> • Newsletter – include pics of zero waste lunches • Environmental Group offer rewards/incentives • Social Media (eg.Facebook) & School App • Class competitions to reduce packaging 	<ul style="list-style-type: none"> • Posters in Classrooms & on Noticeboards • Assembly reminders • Classroom reminders and discussions • Include in House Sport Groups points system
<p>Why? Is this important</p>	<ul style="list-style-type: none"> • Less waste to landfill and less consumption of single-use plastics made from finite resources • Save money in rubbish removal costs (skip bin hire & removal) • Resource recovery (10cent returns, soft plastics, co-mingle recycling & organic waste/worm farm/ compost) 	



Contamination of the recycling bins – Solutions

<p>Who? Is responsible</p>	<ul style="list-style-type: none"> • WOW Program and Partners • WOW Committee • Students/School & House Captains/Prefects/SRC • Teachers and School Admin Staff • Environmental Club/Committee • Canteen 	<ul style="list-style-type: none"> • General Assistant • Cleaners • Gardeners • Families/Parents/Carers • P&C Committee • School Community
<p>When? Can this be implemented</p>	<ul style="list-style-type: none"> • At all times during school operating hours • School breaks (before and after school, lunch & recess etc) • At all times during external use of school facilities (fetes, hall hire, election days etc) 	
<p>Where? Will this be implemented</p>	<ul style="list-style-type: none"> • Administration Building • Staff Room/Offices • Canteen • Optional – Classrooms and Playground • COLA 	
<p>How? Can we implement this</p>	<ul style="list-style-type: none"> • Signage • Education and Training • Bin stations (separate bins clearly labelled and real sample correct items attached) • Environmental Club (students) 	<ul style="list-style-type: none"> • House Sporting Groups Involvement – points system
<p>Why? Is this important</p>	<ul style="list-style-type: none"> • To ensure that recycling is being carried out correctly • Less waste to landfill • Funds Saving = Fundraising • Resource Recovery (RR) - extracting valuable recyclables from waste 	<ul style="list-style-type: none"> • Contribute towards ensuring environmental sustainability • Ideas + Action = CHANGE • To keep up the 'Wiping Out Waste' WOW momentum



Finding time at school when everyone is busy – Solutions

<p>Who? Is responsible</p>	<ul style="list-style-type: none"> • WOW Program and Partners • WOW Committee • Students/School & House Captains/ Prefects/SRC • Teachers and School Admin Staff • Environmental Club • Classroom Committees 	<ul style="list-style-type: none"> • Canteen • General Assistant • Cleaners • Gardeners • Families/Parents/Carers • P&C Committee • School Community
<p>When? Can this be implemented</p>	<ul style="list-style-type: none"> • At all times during school operating hours • School breaks (before and after school, lunch & recess etc) • At all times during external use of school facilities (fetes, hall hire, election days etc) • Impromptu teaching 	<ul style="list-style-type: none"> • Assembly Spruiks, Environmental Club • Teachers – Positive Behaviours for Learning (PBL) • School Newsletter and P&C Meetings • Staff Meetings & Stage Meetings • Short & sharp lessons/buzz talks (fruit break etc) – eg: fortnightly 10-15mins
<p>Where? Will this be implemented</p>	<ul style="list-style-type: none"> • Administration Building • Staff Room/Offices • Canteen 	<ul style="list-style-type: none"> • Classrooms • Playground • School Grounds
<p>How? Can we implement this</p>	<ul style="list-style-type: none"> • Impromptu teaching • Short & sharp lessons/buzz talks (fruit break etc) • Assembly Spruiks, Environmental Club News Updates • Teachers – Positive Behaviours for Learning (PBL) • Link to Geography and Science Syllabus • Include in Scope & Sequence 	<ul style="list-style-type: none"> • Staff Meetings & Stage Meetings • P&C Meetings • Involve House Sporting Groups • School Newsletter • Establish Staff , Student & Volunteer Roles & Responsibilities
<p>Why? Is this important</p>	<ul style="list-style-type: none"> • Action Plans must be implemented to create significant changes for environmental sustainability • Ideas + Action = CHANGE - to keep up the 'Wiping Out Waste' momentum 	



Clean soft plastic going into landfill, when it can be recycled (via Recycle bins at most major supermarkets) – Solutions

<p>Who? Is responsible</p>	<ul style="list-style-type: none"> • WOW Program and Partners • WOW Committee • Students/School & House Captains/ Prefects/SRC • Teachers and School Admin Staff • Environmental Club/Committee • Canteen 	<ul style="list-style-type: none"> • General Assistant • Cleaners • Gardeners • Families/Parents/Carers • P&C Committee • School Community
<p>When? Can this be implemented</p>	<ul style="list-style-type: none"> • When school has system in place and feels ready (include in daily routine) • During school hours • Break times (lunch & recess) 	
<p>Where? Will this be implemented</p>	<ul style="list-style-type: none"> • COLA/ Eating area • Classrooms • Administration Building/Staff Room 	<ul style="list-style-type: none"> • Canteen • School families where soft plastics are taken home
<p>How? Can we implement this</p>	<ul style="list-style-type: none"> • Signage & systems • Information for school families in school newsletter to raise awareness of Redcycle • Provide soft plastic collection bins/bags in eating areas, offices, classrooms • If soft plastic recycling procedures are introduced, start with clean zip lock bags and cling wrap only • Rostered WOW Committee Members or parent volunteers collect and take to Supermarket drop off points • Alternatively, soft plastic packaging can be taken home to be recycled by Parents/Carers • Stay tuned for Council Soft Plastic Drop-off points and request a pick-up service. 	
<p>Why? Is this important</p>	<ul style="list-style-type: none"> • Increase in RR options (recycling of soft plastic into usable, marketable products ie: Buddy benches, council park benches/exercise equipment etc) • Reduction of soft plastics into landfill • Contribute towards ensuring environmental sustainability • Reduction of soft plastics entering waterways, food webs and harming/killing marine wildlife 	



Eligible drink containers going into landfill, when they can be recycled for 10c each (via Return & Earn/Envirobank) –Solutions

<p>Who? Is responsible</p>	<ul style="list-style-type: none"> • Students/School & House Captains/ Prefects/SRC • Teachers and School Admin Staff • Environmental Club/Committee • Canteen 	<ul style="list-style-type: none"> • Cleaners • School Community/ Parent volunteers
<p>When? Can this be implemented</p>	<ul style="list-style-type: none"> • When school has system in place and feels ready (include in daily routine) • During school hours • Break times (lunch & recess) 	
<p>Where? Will this be implemented</p>	<ul style="list-style-type: none"> • COLA • Administration Building/Staff Room • Canteen 	<ul style="list-style-type: none"> • Classrooms • Playground • School Grounds
<p>How? Can we implement this</p>	<ul style="list-style-type: none"> • EnviroBank collection bins and/or mesh bags • House Sporting Groups points system • Short & sharp lessons/buzz talks (fruit break etc) • Assembly Spruiks, Environmental Club News Updates • School Newsletter, school app & social media • Signage & Education 	
<p>Why? Is this important</p>	<ul style="list-style-type: none"> • Less waste to landfill • Save money in rubbish removal costs (skip bin hire & removal) • Resource recovery (10cent returns) • Fundraising opportunity for school resources • Contribute towards environmental sustainability 	



Recyclable items going into landfill, when they can be recycled (yellow lid bin) – Solutions

<p>Who? Is responsible</p>	<ul style="list-style-type: none"> • Students/School & House Captains/ Prefects/SRC • Teachers and School Admin Staff • Environmental Club/Committee • Canteen • P&C Committee • School Community 	<ul style="list-style-type: none"> • General Assistant • Cleaners • Gardeners • Families/Parents/Carers
<p>When? Can this be implemented</p>	<ul style="list-style-type: none"> • When school has system in place and feels ready (include in daily routine) • During school hours • Break times (lunch & recess) 	
<p>Where? Will this be implemented</p>	<ul style="list-style-type: none"> • COLA • Playgrounds • Classrooms 	<ul style="list-style-type: none"> • Staffrooms • Administration Building/Staff Room • Canteen
<p>How? Can we implement this</p>	<ul style="list-style-type: none"> • Yellow tubs/bins placed in classrooms/offices • Yellow Recycle buckets in Playground/COLA emptied into Yellow lid recycle bins or skips • Signage & Education around correct recycling procedures • Short & sharp lessons/buzz talks (fruit break etc) • Assembly Spruiks, Environmental Club News Updates • School Newsletter 	
<p>Why? Is this important</p>	<ul style="list-style-type: none"> • Less waste to landfill • Save money in general rubbish removal costs (skip bin hire & removal) • Recycling services cost less than Landfill services • Resource recovery (10cent returns) = fundraising opportunity for school resources • Education around correct recycling procedures • Contribute towards environmental sustainability 	



Large quantities of re-usable (printed on one side only) clean office paper going into landfill or recycling – Solutions

<p>Who? Is responsible</p>	<ul style="list-style-type: none"> • Administration Staff • Teachers • Students
<p>When? Can this be implemented</p>	<ul style="list-style-type: none"> • When school has system in place • ASAP • At all times
<p>Where? Will this be implemented</p>	<ul style="list-style-type: none"> • Classrooms • Staffrooms • Administration Building
<p>How? Can we implement this</p>	<ul style="list-style-type: none"> • Move towards a 'Reduced Paper' School Community • Educate staff students on Printer settings (double sided) • Change default Printer settings where possible • Place scrap paper boxes near photocopiers and in classrooms/offices – re-use paper for notepads/art paper etc. Have box of surplus printed resources available for casual teachers to collect. • Cardboard collection systems in key areas (eg: canteen & office) • Share docs digitally whenever possible - emails, text msgs, School social media notifications etc
<p>Why? Is this important</p>	<ul style="list-style-type: none"> • Less waste to landfill • Save money on resources and in rubbish removal costs • Re-Use Resources = fundraising opportunity for other school resources • Education around correct recycling procedures benefit whole school community • Contribute towards environmental sustainability for the future of our planet



Food waste and compostable paper going to landfill – Solutions

<p>Who? Is responsible</p>	<ul style="list-style-type: none"> • Students/School & House Captains/ Prefects/SRC • Teachers and School Admin Staff • Environmental Club/Committee • Canteen • P&C Committee 	<ul style="list-style-type: none"> • General Assistant • Cleaners • Gardeners • Families/Parents/Carers • School Community
<p>When? Can this be implemented</p>	<ul style="list-style-type: none"> • When school has system in place and feels ready (include in daily routine) • During school hours • Break times (lunch & recess) and incorporated into kitchen garden lessons • Any time when students are sent to collect food scraps and take to composting area • Food Scrap Fridays with volunteers assisting students 	
<p>Where? Will this be implemented</p>	<ul style="list-style-type: none"> • COLA • Playgrounds • Classrooms 	<ul style="list-style-type: none"> • Administration Building/Staff Room • Canteen
<p>How? Can we implement this</p>	<ul style="list-style-type: none"> • Prevent uneaten food going in the bins – clear message to “put uneaten food back in bag & take it home” • Implement worm farm/composting systems to complement gardens/vegetable gardens and/or chickens in school grounds – find volunteers in school or local community to help manage eg Food Scrap Fridays • Food scrap bins and buckets in Playground/COLA and near garden areas • Compost and worm farm bins placed in Classrooms/Offices • Education & visually appealing signage around correct composting and worm farming practises • Short & sharp lessons/buzz talks (fruit break etc) eg” don’t forget worms can’t eat plastic!’ • Assembly Spruiks, Environmental Club News Updates, School Newsletter, Social Media Notifications • Host a Council Composting Workshop to raise awareness and train potential volunteers 	
<p>Why? Is this important</p>	<ul style="list-style-type: none"> • Less waste to landfill • Save money on resources and in rubbish removal costs • Re-Use Resources = fundraising opportunity for other school resources • Education around correct recycling procedures benefit whole school community • Contribute towards environmental sustainability and for the future of our Planet • Benefit school gardens’ soil quality 	



Thank you for participating in the
Wiping Out Waste 2019
Professional Development Group Discussion