

TEACHER RESOURCES

Activities and Excursions:

- Survey school staff members to find out what happens to the waste at your school. What did your survey results tell you about your school's waste?
- Have a bin audit (see link below for more information)
- Create a compost or worm farm.
- Red Hill excursions (EMRC) or Cleanaway incursions.
- DIY projects using plastic bottles (e.g. hanging herb garden from milk bottles).
- Learn how to make beeswax cloth food wraps (glad wrap replacements).
- Make newspaper bin liners.
- Have a Scavenger Hunt, counting or collecting plastic items. Sort them into categories; reuse, recycle or to be thrown away.
- Watch the BtN Upcycling Kids story and learn about upcycling (link below).
- Interview grandparents and find out what they used before plastic existed.
- Introduce a waste-free day at your school.
- Rummage through the linen closets for second-hand materials suitable for making bags and donate the material to a Boomerang Bag community.
- Find materials that can be recycled to make a musical instrument.

EMRC Waste Education and the R-gang

Eastern Metropolitan Regional Council (EMRC) coordinates school waste education programs in Perth's Eastern Region. EMRC can help with waste and recycling related excursions, incursions and classroom activities as well as providing local rubbish and recycling information for schools and communities.

EMRC host school tours of the Red Hill Waste Management Facility and activities at the environmental education centre.

EMRC collaborates with officers delivering state-run waste education programs and Transpacific Cleanaway, who run free school incursions.

The R-gang explain the principles of waste reduction in simple terms and provide examples and links for more information.

Loan Boxes include paper making; mini bin waste sort kit (year 2-5), nature's recyclers (can include iScopeStand), book box which includes some games, and an early years resource box.

To book contact the EMRC Waste Education Officer on (08) 9424 2271 or Bronwyn.lee@emrc.org.au

<http://www.rgang.org.au/school-programs.aspx>
<http://www.rgang.org.au/schools/r-gang/r1-reduce.aspx>
<http://www.rgang.org.au/schools/loan-boxes.aspx>
<http://www.rgang.org.au/r-gang/a-z-of-waste>

Books

Michael Recycle (Ellie Bethel)
Recycle! A Children's Musical (Joni Klein-Higger)
The Adventures of a Plastic Bottle (Alison Inches)
The Adventures of an Aluminum Can (Alison Inches)
The Wartville Wizard (Don Madden)

Keep Australia Beautiful

Keep Australia Beautiful Week engages Aussies with their community and encourages everyone to take action against litter.

Schools Coordinator - cleanschools@kabc.wa.gov.au or phone 6364 6632

Adopt a Spot Program - adoptaspot@kabc.wa.gov.au or phone 6364 6973

<https://www.kabc.wa.gov.au/>

<https://www.kabc.wa.gov.au/resources/for-schools>

<https://www.kabc.wa.gov.au/resources/for-schools/teacher-resources>

Waste-wise Schools

Waste Wise Schools (WWS) is free for schools. It offers resources and support for schools to plan, implement and maintain waste minimising projects such as recycling, composting and worm farming. Accredited Waste Wise schools can access grant funding and receive additional support from the Waste Wise team.

<http://www.wasteauthority.wa.gov.au/programs/wws/>

<http://www.wasteauthority.wa.gov.au/programs/wws/case-studies/>

<http://www.wasteauthority.wa.gov.au/programs/wws/waste-wise-in-action/>

Boomerang Bags

Boomerang Bags works to reduce the use of plastic bags by engaging local communities in making Boomerang Bags using recycled materials.

<http://boomerangbags.org/>

Wasteless Pantry

Wasteless Pantry helps you to live a less wasteful life by providing you with bulk groceries. We promote the ideals of **Refuse, Reduce, Reuse, Recycle and Rot.**

<http://www.wastelesspantry.com.au/>

Millennium Kids

Millennium Kids Inc. is for young people, 10 to 25 years, who want to change their world. Through Millennium Kids community or school based workshops kids think about their communities, hatch ideas for change, plan and implement their ideas with the support of mentors and stakeholders.

<http://www.millenniumkids.com.au/>

DBCA River Guardians / Dolphin Watch

What you do in your own backyard affects our rivers. River Guardians keep the rivers healthy and enjoy great member benefits. Membership is free.

There are many things you can do in your school to help keep our rivers healthy.

These include:

- Compost garden and canteen waste and plant native gardens on your school grounds.
- Keep the playground free of litter.
- Stencil stormwater drains surrounding your school. Contact [SERCUL](#).
- Discover where stormwater from your schools goes and find out how to reduce nutrients flowing into it.
- Hold a water festival at your school, with lots of fun activities about water, wetlands, and rivers.
- Adopt your local waterway or wetland and help to monitor and look after it,

<https://www.riverguardians.com/>

<https://www.riverguardians.com/how-you-can-help/at-school>

<https://www.riverguardians.com/projects/dolphin-watch>

<https://www.riverguardians.com/projects/dolphin-watch/junior-dolphin-watch>

REmida WA

Education workshops have students exploring materials from industry that would have been discarded, and imaginatively construct unique and colourful creations.
<http://www.remidawa.com/>

Upcycling

What is upcycling? ABC "Behind the News" (BtN) Upcycling Kids story -
<http://www.abc.net.au/btn/story/s4183196.htm>

What did you learn and what surprised you about upcycling?

Benefits of upcycling

- Reduces the amount of waste and therefore landfill
- Reduces the need for production using new or raw materials
- Unique, one of a kind products
- Saves money – for example you can upcycle your clothes into new designs
- Uses your creativity

Ways to recycle -

<https://handsonaswegrow.com/34-recyclables-to-upcycle-for-the-kids/>

Nude Food Day

Introduce a nude food day at your school

- What are the benefits of nude food day? Consider that there will be less rubbish for landfill, healthier lunches, awareness about the environmental impact of rubbish and a cleaner school.
- Write a letter for all students to take home to parents to inform them about the nude food day. Design a poster to promote the event.
- Think about starting off your nude food day with an all school picnic. Take photos to include in your school newsletter.

How to host your own nude food day check out this website -

<http://www.sustainableschools.qld.edu.au/Default.aspx?tabid=921>

Musical Instruments

Find a way to make music together using recycled materials. Some materials can include coffee cans, soup cans, glass jars with different levels of water, boxes, old pieces of copper piping, gift wrapping tubes, plastic packaging, elastics, string, plastic jugs, or any other items you can find around your house.

Other websites

Clean up Australia – Plastic recycling fact sheet

http://www.cleanup.org.au/PDF/au/cua_plastic_recycling_fact_sheet.pdf

Planet Ark – 25 things you can re-use at home

<http://www.recyclingnearyou.com.au/education/25-things-to-re-use.cfm>

How to conduct a Bin Audit

<https://www.newcastle.nsw.gov.au/getattachment/Living/Waste-recycling/Waste-education-for-schools/Waste-Audit-Primary-School-2016.pdf.aspx?lang=en-AU>