



Wipe out Waste



Recycle Right Resource links to Brightsparks

Early years (R-2)

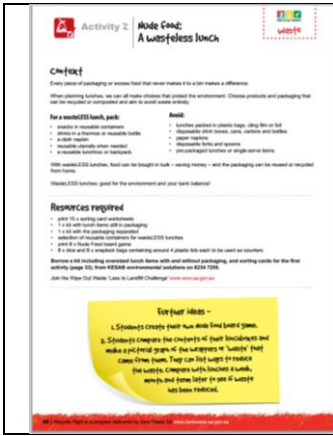
Recycling Activities

	<p>Activity 2 - 10 Pieces of litter</p> <p>A simple and short explanation of where basic items go and what happens to the contents of each bin once picked up from the kerb. Ask the children if they know which bin they should put the objects in.</p>	<p>http://www.zerowaste.sa.gov.au/upload/resource-centre/recycle-right-education-resources/Recycle%20Right%20Early%20Years%20Recycling%20Activity%20-%2010%20Pieces%20of%20Litter.pdf</p>
	<p>Activity 3 - Bin right</p> <p>Cut out the provided pictures of items and place them in the correct bins below.</p>	<p>http://www.zerowaste.sa.gov.au/upload/resource-centre/recycle-right-education-resources/Recycle%20Right%20Early%20Years%20Recycling%20Activity%20-%20Bin%20Right.pdf</p>

Organics Activities

	<p>Activity 2 - Picture match</p> <p>What's missing? Fill in the missing letters of the words that match the picture shown in each sentence.</p>	<p>http://www.zerowaste.sa.gov.au/upload/resource-centre/recycle-right-education-resources/Recycle%20Right%20Early%20Years%20Organics%20Activity%20-%20Picture%20Match.pdf</p>
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Waste Activities



Activity 2 - Wasteless Lunch

Objective
Every piece of packaging or excess food that never makes it to a bin makes a difference. When preparing lunches, we can all make choices that protect the environment. Choose products and packaging that are 100% recyclable or compostable and avoid plastic, styrofoam, and other non-recyclable materials.

For a wasteless lunch pack:

- avoid plastic or non-recyclable bottles
- use reusable containers
- avoid plastic or non-recyclable wrappers
- avoid plastic or non-recyclable lunch boxes
- avoid plastic or non-recyclable water bottles
- avoid plastic or non-recyclable lunch bags

Recourses required

- 1 set of lunch boxes with packaging
- 1 set of lunch containers with lids
- 1 set of lunch bags with lids
- 1 set of lunch water bottles
- 1 set of lunch water bottles

Teaching background

What can go in my RECYCLING bin?

Recycling is a way to reuse materials that would otherwise be thrown away. Recycling helps to conserve resources and reduce pollution. It also helps to reduce the amount of waste in landfills. Recycling is a key part of the waste management process. It is important to know what can go in the recycling bin and what cannot. Recycling bins are used to collect materials that can be recycled. These materials are then sent to a recycling plant where they are processed into new products. Recycling is a great way to help the environment and save resources.

Activity 2 - Nude food: A wasteless lunch

Students begin by sorting lunch item pictures on page 32 into the 2 card categories, wasteLESS or wasteful. Present students with a regular lunch (kit) and they guess how many waste items would come from it.

<http://www.zerowaste.sa.gov.au/upload/resources/recycle-right-education-resources/Recycle%20Right%20Early%20Years%20Waste%20Activity%20%20-%20Nude%20Food%20-%20Wasteless%20Lunches.pdf>

Middle Primary (3-5)

Using your bins Activities



Activity 1 - What can go in my bins?

Objective
Using your bins correctly is a great way to save resources, water and energy. It also helps to reduce pollution. Recycling is a key part of the waste management process. It is important to know what can go in the recycling bin and what cannot. Recycling bins are used to collect materials that can be recycled. These materials are then sent to a recycling plant where they are processed into new products. Recycling is a great way to help the environment and save resources.

The RECYCLING bin

Recycling is a way to reuse materials that would otherwise be thrown away. Recycling helps to conserve resources and reduce pollution. It also helps to reduce the amount of waste in landfills. Recycling is a key part of the waste management process. It is important to know what can go in the recycling bin and what cannot. Recycling bins are used to collect materials that can be recycled. These materials are then sent to a recycling plant where they are processed into new products. Recycling is a great way to help the environment and save resources.

Resources required

- 1 set of lunch boxes with packaging
- 1 set of lunch containers with lids
- 1 set of lunch bags with lids
- 1 set of lunch water bottles
- 1 set of lunch water bottles

Teaching background

What can go in my RECYCLING bin?

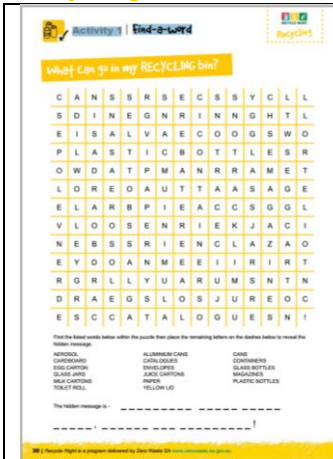
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Activity 1 - What can go in my bins?

Cut out the items on page 9 that go in the RECYCLING BIN, GREEN ORGANICS BIN, and WASTE BIN and paste them onto each page.

<http://www.zerowaste.sa.gov.au/upload/resources/recycle-right-education-resources/Recycle%20Right%20Middle%20Primary%20Using%20your%20bins%20Activity%20%20-%20What%20can%20go%20in%20my%20bins.pdf>

Recycling Activities



Activity 1 - Find-a-word

What can go in my RECYCLING bin?

Find the listed words below within the puzzle then place the remaining letters on the dashes below to reveal the hidden message.

C A N S S R S E C S S Y C L L
 S D I N E G N R I N N G H T L
 E I S A L V A E C O D G S W O
 P L A S T I C B O T T L E S H
 O W D A T P M A N R R A M E T
 L O R E O A U T T A A S A G E
 E L A R B P I E A C C S G G L
 V L O O S E N R I E K J A C I
 N E S S S R I E N C L A Z A O
 E Y D O A N M E E I I R I R T
 R G R L L Y U A R U M S N T N
 D R A E G S L O S J U R E O C
 E S C C A T A L O G U E S N I

Resources required

- 1 set of lunch boxes with packaging
- 1 set of lunch containers with lids
- 1 set of lunch bags with lids
- 1 set of lunch water bottles
- 1 set of lunch water bottles

Teaching background

What can go in my RECYCLING bin?

Recycling is a way to reuse materials that would otherwise be thrown away. Recycling helps to conserve resources and reduce pollution. It also helps to reduce the amount of waste in landfills. Recycling is a key part of the waste management process. It is important to know what can go in the recycling bin and what cannot. Recycling bins are used to collect materials that can be recycled. These materials are then sent to a recycling plant where they are processed into new products. Recycling is a great way to help the environment and save resources.

Activity 1 - Find-a-word

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<http://www.zerowaste.sa.gov.au/upload/resources/recycle-right-education-resources/Recycle%20Right%20Middle%20Primary%20Recycling%20Activity%20%20-%20Finda%20word.pdf>

Activity 3 | Recycle Right - The Play

Context
Using your knowledge recycling and green separation bins is a great way to save resources, water and energy. But what happens to the materials in your bins at home?

The RECYCLE bin
The organic materials you place in your green bin will be composted, processed into mulch and compost. After being returned to a composting facility, the organics are put into storage against the carbon ventholes. They'll begin their new second journey - about 100 days later in the double-decker trucks sent to your farm.

The REDUCE binOver several weeks, the organic materials (kitchen, garden, animal, general, oil-based, liquid and general) will be brought to an Organic Resources Facility (ORF) where a combination of people and machinery will separate them into their correct destinations.

The RECYCLE bin
Your household can be assessed at a Household Resources Facility (HRF) where a combination of people and machinery will separate them into their correct destinations.

The RECYCLE bin
These materials that aren't recycled or accepted in your recycling or green separation bins, can be disposed of at your waste bin. These materials are then sent to landfill.

What to do
1. Supply students with the scripts and images and allow for adequate practice time.
The script can be adapted to suit different school systems or grade levels, as well as other places in the setting.

Resources required
- access to the Recycle Right DVD
- script
- materials to make signs (string, paper, markers)
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Activity 3 - Recycle Right - The Play
Supply students with the scripts and images and allow for adequate practice time.


<http://www.zerowaste.sa.gov.au/upload/resources/Recycle%20Right%20Middle%20Primary%20Recycling%20Activity%203%20-%20Recycle%20Right%20The%20Play.pdf>

Activity 4 | Campaign Right

Context
In South Australia we have an excellent recycling bin system. Some recyclables are put in the green waste bin and others, and some non-recyclables are put in the wrong bin and may end up in landfill. The Recycle Right campaign includes distinctive press and radio advertising with short, sharp messages to tackle the more common recycling mistakes.

Resources required
- Recycle Right cards

What to do
In conducting a bin audit, students may find that their recycling bins are contaminated by materials placed in the wrong bin.
What would be the best way to change behaviour and ensure the right materials go in the right bin? An education campaign may help.
Which systems does your school have for waste? Bins for waste? Bins for recycling? Do you collect paper separately? Do you collect food waste? Do you have separate containers? Do you have bins for a colour-coded system - e.g. red for metal, yellow for recycling.
How many staff have been trained to handle your rubbish with the message in the Recycle Right campaign?
Compare the signs in the bins with the bin users and at school.
Do the staff have:
- the number of messages that should go in the bin?
- the number of messages that should go in the bin?
- the number of messages that should go in the bin?
Can you make messages that would be used at your school? Create your own Recycle Right signs and messages.
Make sure you have to use the bins at your school.



Activity 4 - Campaign right
The Recycle Right campaign includes distinctive press and radio advertising with short, sharp messages to tackle the more common recycling mistakes. Create your own thumbs up or down messages to educate others on how to use the bins at your school.

<http://www.zerowaste.sa.gov.au/upload/resources/Recycle%20Right%20Middle%20Primary%20Recycling%20Activity%204%20-%20Campaign%20Right.pdf>

Organics Activities

Activity 1 | Find-a-word

What can go in my GREEN bin?

G	R	E	E	N	O	R	G	A	N	G	I	G
C	S	R	U	L	E	I	F	I	T	R	D	R
S	D	E	E	W	I	D	N	T	G	E	R	A
O	L	D	F	L	O	W	E	R	S	E	O	S
L	A	W	N	C	L	I	P	P	I	N	G	S
S	P	A	R	C	S	D	O	O	F	L	W	I
T	O	R	G	A	N	I	C	S	D	I	O	E
B	R	A	N	C	H	E	S	S	N	D	T	G
S	T	I	C	K	S	O	L	E	A	V	E	S

Find the listed words below within the puzzle. Then place the remaining letters on the dashes below to reveal the hidden message.

BRANCHES	WEEDS	ORGANICS
GRASS	FRUIT	GRASS
OLD FLOWERS	LAWN CLIPPINGS	LEAVES
		STICKS

The hidden message is: _____

Activity 1 - Find-a-word
Find the listed words below within the puzzle then place the remaining letters on the dashes below to reveal the hidden message.

<http://www.zerowaste.sa.gov.au/upload/resources/Recycle%20Right%20Middle%20Primary%20Organics%20Activity%201%20-%20Findaword.pdf>

Waste Activities

Activity 1 | Find-a-word

What can go in my WASTE bin?

D	S	O	N	T	W	S	A	M	S	B	T
E	E	T	Y	N	C	O	L	U	R	R	S
H	N	R	E	I	A	I	E	O	C	G	C
O	Y	E	R	K	F	P	K	C	A	L	L
S	A	B	R	G	C	E	P	B	B	R	O
E	A	L	N	Y	N	A	C	I	O	E	T
F	S	I	B	G	T	I	P	P	E	Y	H
S	L	E	L	N	T	S	E	P	D	S	I
C	I	A	N	S	G	T	Y	H	I	E	N
M	S	T	A	O	L	A	N	L	D	H	G
S	F	L	I	Y	R	E	K	C	O	R	C
L	P	W	R	A	P	P	E	R	S	P	L

Find the listed words below within the puzzle. Then place the remaining letters on the dashes below to reveal the hidden message.

BRANCHES	GLASS	GLASS
GLASS	GLASS	GLASS
GLASS	GLASS	GLASS
GLASS	GLASS	GLASS
GLASS	GLASS	GLASS


The hidden message is: _____

Activity 1 - Find-a-word
Find the listed words below within the puzzle then place the remaining letters on the dashes below to reveal the hidden message.

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Middle Years (6-9)

Maths Activities

 <p>Activity 4 - Single serves Vs buying in bulk</p> <p>Context</p> <p>Take you can buy many items in 'single serves' for packaged convenience but what is their cost to the environment and your pocket?</p> <p>Much of what we buy today is over packaged. Reducing the amount of packaging we buy helps reduce the waste, although this measure is required to make each item and can cost for itself.</p> <p>Buying single serves can also have an impact on other factors. They are often high mass expensive than buying in bulk. Buying in bulk, storing and eating the food in reusable containers, could save a family budget considerably.</p> <p>Resources required</p> <ul style="list-style-type: none">• computers with Excel (2 students per computer per event)• mobile internet access• demonstration of the packaging in the activity spreadsheet• waste measurement materials or bins to measure packaging and save money for a family normally buying single serve food items <p>What to do</p> <ol style="list-style-type: none">1. Students begin by considering if buying in bulk or buying in single serves creates the most waste. Clearly in each example buying in single serves creates the most waste. So which is cheapest per serve?2. Students enter the data presented on the activity spreadsheet. Single serves or buying in bulk into an Excel spreadsheet.3. Students consider the maths they would need for finding the price per serve for 'Tasty Tabbies which has 10 single servings in each pack?'<ul style="list-style-type: none">• For example if Tasty had 10 apples and they cost for \$4.00, how much did each apple cost?• \$0.40 divided by 10• \$0.04 each4. To enter the maths into the spreadsheet you need to enter your formula to enable the computer to understand. The formula you need to enter the cell is not what you see the number is unless the number is complete. How would the formula in Question 1 be written for Excel?<ul style="list-style-type: none">• In the cell in Q10225. Students then click the cursor on the right bottom corner and when they see the black cross click the corner and drag down. The computer will copy the price per serve to all cells in the file.	<h3>Activity 4 - Single serves Vs buying in bulk</h3> <p>Students begin by considering if buying in bulk or buying in single serves creates the most waste. Clearly in each example buying in single serves creates the most waste. So which is cheaper per serve?</p>	<p>http://www.zerowaste.sa.gov.au/upload/resource-centre/recycle-right-education-resources/Recycle%20Right%20Middle%20Year%20Mathematics%20Activity%204%20-%20Single%20Serves%20VS%20Buying%20in%20Bulk.pdf</p>
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