

# Bin Materials Audit Worksheet



## Recyclable Materials



1. If all **paper/cardboard** was recycled, how much could be recycled in a school week? .....(L)  
In a school year? .....(L)
2. If all **10c containers** were recycled/collected, how much could you raise in a school year? ..... (in \$)  
How many drinks could this buy over the school year? .....
3. If **clean soft plastics** were collected for a special recycling collection, how much soft plastic could you divert from landfill in a school week? ..... (L) In a school year? .....(L)
4. If **kerbside recyclable** materials were collected from staff room, OSHC and cooking spaces (if available with your council), how much would be diverted from landfill in a school week? ..... (L) In a school year? ..... (L)
5. If **ALL recyclable materials** (paper/cardboard, 10c containers, clean soft plastic, kerbside recyclables, electronic materials) were recycled, by how much would this reduce the total materials sent to landfill? ..... (L)  
What would be the new amount of material going to landfill? ..... (L)
6. If all schools in South Australia (approx. 800) sent this much recyclable material to landfill, then how much would be sent to landfill from schools in a week? ..... (L)  
In a school year? ..... (L) ..... (cubic metres)  
(to convert from L to cubic metres – divide the figure in L by 1000. So  $x L/1000 = y$  cubic m)  
How many wheelie bins is this? (Recycling bin is generally 240L) .....

## Compostable Materials



1. How many kilograms of **uneaten food** would be sent to landfill in a school week? .....(kg)  
This is equivalent to ..... whole apples (100g), ..... whole bananas (120g), or .....whole oranges (200g).
2. From the figures above, if you ate **2 pieces** of fruit a day how many days' worth of each fruit would you have?  
apples (100g) ..... bananas (120g) ..... oranges (200g) .....
3. What amount of **food scraps** is sent to landfill in a school week? .....(L) ..... (kg)
4. What amount of **food scraps** could be composted in a school year? ..... (L) ..... (kg)
5. What amount of **compostable paper** would currently go to landfill in a school week? ..... (L) ..... (kg)
6. How much could be composted in TOTAL in a school year? ..... (L) ..... (kg)
7. If **ALL compostable materials** were composted and not taken to landfill, how much would this reduce the total sent to landfill? ..... (L) ..... (kg)
8. What would be the new amount of total material going to landfill? .....(L)
9. What would be the percentage reduction of material to landfill? ..... (%)

## Reusable Materials



1. How much would reusable materials equate to over a school week? .....(L) A school year? ..... (L)
2. How could you reuse paper in your class and other parts of the school (like print/photocopy areas) to ensure that paper is used on both sides BEFORE recycling

.....  
 .....

## Materials to reduce



1. How much **packaging** is sent to landfill in a day? ..... (L) ..... (kg) In a school week? .....(L) ..... (kg)  
 How many wheelie bins is this in a year? (Landfill bin is generally 140L, but check yours.) .....
2. How much would be going to landfill if your school worked to reduce packaging: by  $\frac{1}{4}$  .....(L) by  $\frac{1}{2}$  .....
3. Using the result for half the packaging, by how much have you reduced the amount of packaging? .....
4. How many pieces of **cutlery** do you place in bins in a school year? ..... (pieces)  
 If the average length of single use cutlery is 15cm, and you laid a school years' worth of cutlery in a single line, how long would the line be? ..... (in metres)
5. If the use of **zip lock** bags was reduced, how much money would be saved over a school year? (Say an average zip lock bag is 10c). Currently, there are ..... bags/day which collectively costs families \$ ..... in a school year.  
 Reducing zip lock bags by  $\frac{1}{4}$  saves \$ ..... by  $\frac{1}{2}$  saves \$ .....
6. What can you, your family or your class do to reduce the amount of packaging coming to school?

.....  
 .....



## Totals



1. Of the total amount going to landfill from your school, **how much on average does each person contribute in;**  
 a school week? ..... (L)  
 a school term? ..... (L)  
 a school year? ..... (L)
2. Using the amount of material sent to landfill from your school in one day s an average, how much would all schools in SA (approx. 800) send to landfill:  
 every day? ..... (L) = ..... number of wheelie bins *Tip: check the size of your landfill bin*  
 in a school week? ..... (L) = ..... number of wheelie bins  
 in a school year? ..... (L) = ..... number of wheelie bins
3. If all reusable, recyclable and compostable materials were diverted from landfill, then how much material would your school now send to landfill? ..... a day (L) ..... a school year (L)  
 How much can it been reduced by? ..... a day (L) ..... a school year (L)
4. How many wheelie bins of material would now go to landfill? ..... a day ..... a school year  
 How many wheelie bins has it been reduced by? ..... a day ..... a school year  
 Big changes are possible, and we can all help look after our environment. Let KESAB know how your school goes with making changes! 😊