

Source: Ontario EcoSchools: http://www.ontarioecoschools.org/wp-content/uploads/2014/11/Waste_Audit_ENfillable_FIN.pdf

GARBAGE AUDIT WORKSHEET

SCHOOL _____

BOARD _____

DATE _____

ONTARIO **ecoschools**
écoécoles
en français

STUDENT NAMES _____

	Example	BAG 1	BAG 2	BAG 3	BAG 4	BAG 5	BAG 6	BAG 7	BAG 8	BAG 9	TOTAL "A" KG
Weight of bag <small>(do not empty any liquids)</small>	7.3 kg										0

Visual Audit

WASTE CATEGORY	Example	BAG 1 VOL. %	BAG 2 VOL. %	BAG 3 VOL. %	BAG 4 VOL. %	BAG 5 VOL. %	BAG 6 VOL. %	BAG 7 VOL. %	BAG 8 VOL. %	BAG 9 VOL. %	AVERAGE % FOR ALL BAGS
Recyclable Containers <small>(plastic, metal, glass)</small>	10%										
Recyclable Paper <small>(paper, cardboard, newsprint)</small>	25%										
Other recyclables <small>(E-waste; printer/toner cartridges, batteries)</small>	5%										
Food Waste/Organics	40%										
Garbage	20%										

Observations: _____

Calculate the amount of garbage per student per school year

Total weight of 1 day's garbage:	X	0	X	194	school days in a year
divided by _____ number of students in the school					
= _____ kg/student/year					

Example of Calculation

Total weight of 1 day's garbage:	X	29.5	X	194	school days in a year
divided by _____ number of students in the school					
= _____ kg/student/year					

RECYCLING AUDIT WORKSHEET

SCHOOL _____

BOARD _____

DATE _____

ONTARIO **ecoschools**
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STUDENT NAMES _____

	Example	BAG 1	BAG 2	BAG 3	BAG 4	BAG 5	BAG 6	BAG 7	BAG 8	BAG 9	TOTAL "B" KG
Weight of bag <small>(do not empty any liquids)</small>	10 kg										0

Visual Audit

WASTE CATEGORY	Example	BAG 1 VOL. %	BAG 2 VOL. %	BAG 3 VOL. %	BAG 4 VOL. %	BAG 5 VOL. %	BAG 6 VOL. %	BAG 7 VOL. %	BAG 8 VOL. %	BAG 9 VOL. %	AVERAGE VOLUME %
Recyclable Containers <small>(plastic, metal, glass)</small>	80%										
Recyclable Paper <small>(paper, cardboard, newspaper)</small>	10%										
Other recyclables <small>(E-waste; printer/toner cartridges, batteries)</small>	0%										
Food Waste/Organics	0%										
Garbage	10%										

Observations: _____

Calculate the amount of recycling per student per year

Total weight of 1 day's recycling:	X	0	X	194	school days in a year
divided by _____ number of students in the school					
= _____ kg/student/year					

Example of Calculation

Total weight of 1 day's recycling:	X	14	X	194	school days in a year
divided by _____ number of students in the school					
= _____ kg/student/year					

Food Waste Diary

Your family could save up to \$1,500 this year.

Get your family on board by placing your Food Waste Diary in the kitchen or near the dinner table, and track everything that's wasted over one week. Warning: Results may shock you.

What to record:

- **Meal/Snack/Other:** Which meals cause the greatest garbage in your household? List your wasted drinks.
- **Food:** What foods are thrown out? Salad, cereal, or egg sandwiches? If you find spoiled food in your fridge, then write this under **Other**.
- **Amount:** Record all wasted quantities. For example: 1 cup cereal, ¼ cup milk, ½ head lettuce.
- **How Disposed:** Record where that food was tossed, even if leftovers were fed to a pet. Sink, garbage bin, compost.
- **Reason:** Why are you throwing away this food? Too many leftovers, tasted terrible, and expiry date passed are common reasons.
- **Cost:** Estimate the money you blew by tossing away this food. Crying is allowed.

Review your results:

When the week is over and you've completed your diary, do yourself a solid by reviewing the results.

STEP ONE: Find the pattern.

Review your diary to see what, when, and where food is being wasted. Add up the cost column to calculate your financial loss.

STEP TWO: Recognize the reasons.

Knowing *why* your food is tossed can help avoid the situation in the future. For example: making meals too big, over-pouring beverages, and buying too much food.

STEP THREE: Strive to improve.

What strategies can you employ to end the food waste in your household? Buying fewer apples, making smaller sandwiches, and learning to love leftovers are just a few tactics to try.

Do the diary again and see if you can improve on past mistakes.

Squawkfox

Where frugal living is sexy, delicious, and fun.

Food Waste Diary

Day 1:

Meal	Food	Amount	How Disposed	Reason	Cost
Breakfast	Milk	½ cup	Kitchen Sink	Left over	20¢
Lunch					
Dinner					
Snack/Other					

Sources:

Above: Tasty Trash, Squawkfox,

<http://www.squawkfox.com/2012/04/18/food-waste/>

Right: www.EPA.gov

Converting volume to weight,

[https://www.epa.gov/sites/production/files/2016-](https://www.epa.gov/sites/production/files/2016-04/documents/volume_to_weight_conversion_factors_memorandum_04192016_508fnl.pdf)

[04/documents/volume_to_weight_conversion_factors_mem](https://www.epa.gov/sites/production/files/2016-04/documents/volume_to_weight_conversion_factors_memorandum_04192016_508fnl.pdf)

[orandum_04192016_508fnl.pdf](https://www.epa.gov/sites/production/files/2016-04/documents/volume_to_weight_conversion_factors_memorandum_04192016_508fnl.pdf)

Food				
	Fats, Oils, Grease	55-gallon	412	2
	Organics - commercial	cubic yard	135	21
	Source Separated Organics - commercial	cubic yard	1,000	15
	Food Waste - restaurants	cubic yard	396	21
	Food Waste	cubic yard	463	4
	Food Waste	cubic foot	22-45	4
	Food waste - university	gallon	3.8	22
	Food Waste	64 gallon toter	150	4
		2 cubic yard		
	Food waste	full towable	2,736	4