

GARBAGE AUDIT Worksheet

School Name: _____

Board: _____

Date: _____

Name of Auditors: _____



Weight of Garbage

	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 (do not empty any liquids)	7.3 kg										

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 (plastic, metal, glass)	10%										
Recyclable Paper (paper, cardboard, newsprint)	25%										
Other recyclables (E-waste; printer/toner cartridges, batteries)	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:

TOTAL "A" KG

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:

TOTAL "A" KG
29.5

X

194 school days in a year

divided by 481 number of students in the school

= 11.9 kg/student/year

RECYCLING AUDIT Worksheet

School Name: _____

Board: _____

Date: _____

Name of Auditors: _____



Weight of recycling

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

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 (plastic, metal, glass)	80%										
Recyclable Paper (paper, cardboard, newsprint)	10%										
Other recyclables (E-waste; printer/toner cartridges, batteries)	0%										
Food Waste/ Organics	0%										
Garbage	10%										

Observations:

Calculate the amount of recycling per student per year

Total weight of 1 day's recycling:

TOTAL "B"

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:

TOTAL KG B
 14

X

194
school days
in a year

divided by 481 number of students in the school

= 5.65 kg/student/year

OPTIONAL RECYCLING CALCULATION:

Calculate your school's diversion rate

Waste diversion rate: The rate or percentage of recyclable material that has been diverted out of the waste disposal stream and therefore not put into landfills.

Instructions: Use the data from the Garbage and Recycling Audit worksheets to complete the calculation example below:

1
STEP

<p>Total weight of 1 day's garbage:</p> <p>(Total "A" from sample Garbage Audit Worksheet)</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">TOTAL KG A</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 40px; text-align: center;">29.5</div>	+	<p>Total weight of 1 day's recycling:</p> <p>(Total "B" from sample Recycling Audit Worksheet)</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">TOTAL KG B</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 40px; text-align: center;">14</div>	=	<p>Total kg of waste:</p> <p>(Total "A" Garbage and Total "B" Recycling)</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">TOTAL KG C</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 40px; text-align: center;">43.5</div>
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2
STEP

<p>Total weight of 1 day's recycling:</p> <p>(Total "B" from sample Recycling Audit Worksheet)</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">TOTAL KG B</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 40px; text-align: center;">14</div>	÷	<p>Total kg of waste:</p> <p>(Total "A" Garbage and Total "B" Recycling)</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">TOTAL KG C</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 40px; text-align: center;">43.5</div>	x	100%	=	32%	=	32%	Diversion Rate
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CALCULATION YOUR SCHOOL'S DIVERSION RATE:

1
STEP

<p>Total weight of 1 day's garbage:</p> <p>(Total "A" from sample Garbage Audit Worksheet)</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">TOTAL KG A</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 40px; height: 20px;"></div>	+	<p>Total weight of 1 day's recycling:</p> <p>(Total "B" from sample Recycling Audit Worksheet)</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">TOTAL KG B</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 40px; height: 20px;"></div>	=	<p>Total kg of waste:</p> <p>(Total "A" Garbage and Total "B" Recycling)</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">TOTAL KG C</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 40px; height: 20px;"></div>
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2
STEP

<p>Total weight of 1 day's recycling:</p> <p>(Total "B" from sample Recycling Audit Worksheet)</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">TOTAL KG B</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 40px; height: 20px;"></div>	÷	<p>Total kg of waste:</p> <p>(Total "A" Garbage and Total "B" Recycling)</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">TOTAL KG C</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 40px; height: 20px;"></div>	x	100%	=	Our school's diversion rate is _____%
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