



# Talking Trash!

Name: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_ students recently performed a waste sort or assessment of your school's cafeteria waste. Your classmates gloved up, dumped out all the trash, sorted, estimated its volume and weighed it. Here is what they found:

Materials	Weight (lbs.)	Volume (gal.)

### Activity 1:

a) Find the total weight of the trash sorted:

b) Find the total volume of trash sorted:

**Activity 2:** Now, list the materials that could have be recycled or reused. Then, add up their weights and volumes to find the total weight and volume of recyclable materials in your trash.

Recyclable or Reusable	Weight (pounds)	Volume (gallons)
<b>Total Amount that could have been recycled or reused</b>		

**Activity 3:**

Every day, for each person in the Portland metropolitan area, over 5 pounds of trash are thrown away. How could you reduce the amount of trash YOU make during lunchtime or in the classroom?

Think of the Three R's: **Reduce, Reuse and Recycle!**

1.

2.

3.

4.

5.

Some answers to your possible questions:

- What's the difference between weight and volume?

Weight measures how heavy an object is.

Volume measures how much space an object takes up.

