



# Trash Talk

## Sort out your garbage!

For each common piece of garbage, place a checkmark next to it if it is biodegradable, recyclable or neither.

### Words to Explore

Biodegradable

Non-biodegradable

Compostable

Landfill

### Did you know?

One third of the food produced in the USA goes to waste.

	Is it bio-degradable?	Recyclable?	Not recyclable or bio-degradable
Styrofoam cup	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cardboard cereal box	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Banana peel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plastic grocery bag	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum foil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grass clippings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plastic wrap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wooden chopsticks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Paper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacon grease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Soda can	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Old rags	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Peanut shells	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Milk carton	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Glass jar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Old cellphone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Junk mail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Soda bottle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Calculate your impact!



1. Recycling 1 glass jar saves enough energy to run an 11-watt bulb for 20 hours. How many days could you get out of recycling 12 glass jars?

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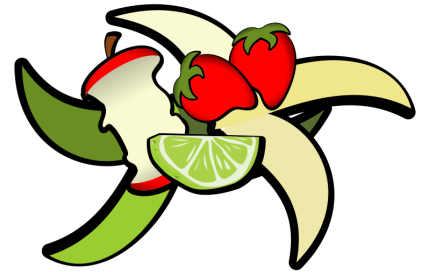
2. Recycling 1 aluminum can saves enough energy to power a TV or computer for 3 hours. How many aluminum cans would it take to power your TV/computer use from yesterday?

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3. Each person in the US produces about 20 pounds of food waste per month, and most of that ends up in the landfill.

3.a. Assume that you produce half of this waste at home (10 pounds per month per person). If your family started a backyard compost bin for your food scraps, how many pounds of food waste would you keep out of the landfill next month?

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3.b. Assume that you produce the other half of the food waste at school (10 pounds per person per month). If your school started composting food scraps, how many pounds of food waste would you keep out of the landfill next month?

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4.a. You want to add some nutritious compost to your garden. Your garden is 6 feet x 8 feet and you want to cover it with 6 inches (0.5 feet) of compost. How much compost do you need?

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4.b. A bag of compost (1 cubic foot) from the store costs \$5.00. But you compost your food waste in a backyard composter, and had enough to cover your garden. How much money did you save?

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