

Recycling!

Procedure

- 1. Collaborate** As a class, identify all the materials that your family, your school, and your community recycle.
- 2. Record Data** In the chart below, list the materials that the class identified.

	Predicted Data		Observed Data	
	Used	Recycled	Used	Recycled
Glass bottles				
Newspaper				
Plastic				
Aluminum cans				

- 3. Predict** Review your list and choose two types of recyclable materials that your household uses. Predict how many of these recyclable items your class uses in a week. Then predict how many of the goods will be recycled. Record your predictions in your chart.
- 4. Observe** For one week, monitor your class's use of the selected recyclable goods. Record how many items are recycled and how many are thrown in the trash.

Conclusion

Write the answers to the questions.

- 1. Analyze Data** Use your data to calculate the total amount of your chosen recyclable goods used in your household that week. Then, calculate the percentage of those materials that were set aside to be recycled. Did your household recycle more or less than it threw in the trash?

- 2. Collaborate** Work in a small group to develop a plan that would encourage people in your community to recycle more. What details from your observations would you share with community members to help convince them to recycle more?

Investigate More!

Solve a Problem From your data or other observations, choose a resource that you think is wasted in your community. How could this resource be used wisely? Present your ideas in a letter, poster, or skit.