Recycling!

Procedure

1. **Collaborate** As a class, identify all the materials that your family, your school, and your community recycle.

2. **Record Data** List the materials that the class identified. Use the chart to record your data.

<table>
<thead>
<tr>
<th>Material</th>
<th>Predicted data</th>
<th>Observed data</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Used</td>
<td>Recycled</td>
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3. **Predict** Review your list and choose two types of recyclable materials that your household uses. Predict how many of these recyclable items your household uses in a week. Then predict how many of the goods will be recycled. Record your predictions.

4. **Observe** For one week, monitor your household’s use of the selected recyclable goods. Record how many items are recycled and how many are thrown in the trash.
Conclusion

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?

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2. **Collaborate** Work in a small group to develop a plan that would encourage people in your community to recycle more.

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**Ask Questions**

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