

Recycling Waste



Procedure

- 1. Collaborate** Work with a partner. Put one item of trash in the bottom of four plastic cups. Use a marking pen to label each cup with the item it contains. Then add soil to each cup so it is about three-fourths full. Moisten the soil with a few drops of water. **Safety:** Wear goggles.
- 2. Hypothesize** Cover each cup with plastic wrap held in place with a rubber band. Place the cups in a sunny window for a week. Make an educated guess about what will happen to each trash item by the end of the week. Record your hypothesis below.

- 3. Observe** After one week, dump the contents of one cup onto a sheet of newspaper. Use a hand lens to look closely at the trash item. Record your observations. **Safety:** Wear goggles.

4. Repeat step 3 for each of the other cups.

Conclusion

1. **Hypothesize** Based on your data, form a hypothesis about what happens to different items of trash you throw away.

2. **Ask Questions** What else do you want to know about what happens to different kinds of trash? Make a list of such questions about trash.

<p>Experiment Plan and carry out a similar experiment using other items you throw away. Observe each item at the end of one week. Record all your observations.</p>	<p>Guided Inquiry</p>
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