



# Recycling

When we don't recycle, how much aluminum, paper, and glass do we waste?

## Gather Data

Here is some information to help you make a hypothesis:

- Recycling is the process of taking items that would have been waste and turning them into reusable materials.

You can find more information about recycling and its benefits online or at the library.

## MATERIALS

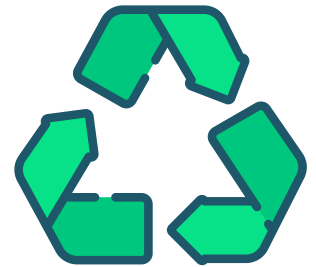
- 3 large boxes
- My Home Science Journal pp. 2-3 (or your own science notebook)

## Make a Hypothesis

Before you start the experiment, read the instructions. What do you think will happen? Write about or draw a picture of your prediction.

## Test with an Experiment

1. Label the boxes *cans*, *paper*, and *glass*.
2. During the week, put recyclable paper products, cans, and glass items in the proper box.
3. At the end of the week, measure how much material is in each container (by weight or by the depth of the recycled material in centimeters, inches, or your own units, etc.).
4. Place the items in your recycling or find a recycling center in your area to properly dispose of the items.
5. Draw a picture of the experiment.



## Draw a Conclusion

How much aluminum, paper, and glass did you collect? Write about or draw a picture of what happened.

## More Ideas to Try

- Where can you recycle cans, glass, and paper?
- How much waste could you save in a year by recycling?
- What items in your house have the recycling sign?

# My Home Science Journal

Be sure to do this experiment with an adult. Follow the directions carefully.

## 1 Ask a Question

Write the question you want to answer.

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## 2 Gather Data

What do you already know about this topic? Talk about it.

## 3 Make a Hypothesis

What do you think will happen? Write or draw.

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**4 Test with an Experiment**

Record the steps of your experiment.

**5 Draw a Conclusion**

What was the result? Write or draw.

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**6 Experiment Discussion**

Was your hypothesis correct? What did you learn? Is there another question to explore? Talk about it.