

Name _____ Date _____



Is It Recyclable? Thinksheet



Begin with a Question: *What percent of your team's items are recyclable?*

Think It Through: Write what you know about the collected materials that might help you to answer the question.

Hypothesis: _____ of _____ (fraction) or _____ percent of the items

brought in are recyclable because _____

Name _____

Date _____



*Is It Recyclable?
Thinksheet
(continued)*



Design a Test: Make predictions about what is recyclable and where it is recyclable. Make predictions about what is not recyclable and why it is not recyclable. Gather local recycling information from agencies, businesses, and classroom resources (research folders, the Internet, etc.) in order to learn more about recycling in your area.

Do an Activity (Procedure):

- 1) Share collected items in teams.
- 2) Make a pile of items that are predicted to be recyclable and a pile of items that are predicted to be non-recyclable.
- 3) Discuss with your team where each recyclable item can be collected as you complete the prediction section of your Data Sheet.
- 4) Discuss with your team why each non-recyclable item cannot be collected as you complete the prediction section of your Data Sheet.
- 5) Form “expert groups” to conduct information gathering and create classroom information displays.
- 6) Return to original teams and re-evaluate the items sorted at the beginning of the activity as you complete the remainder of your Data Sheet. Save items that can’t be decided for class discussion.

Make Some Sense of It:

- 1) Review your Thinksheet and Data Sheet(s).

- 2) Complete this sentence: I accept/reject (circle one) my original

hypothesis because _____

(Use your data sheet for support.)

- 3) Write a new hypothesis. (Use the space below.)

