

Name _____

Date _____



Is It Recyclable? Higher Level Thinking Assessment



Directions: Complete 30 points in choices below. The due date is _____.

Knowledge (5 points each)

--Write a paragraph that explains the difference between *solid waste* and *natural resources*. Create a chart like the one below with two of each kind of resource: paper, metal, plastic, glass, and organic waste (food or yard waste). Your finished chart should have 10 responses in all.

Natural resources that can be recycled	Recycling options in our area

Comprehension (10 points)

--Write a paragraph that explains three important things you learned from the *Is It Recyclable?* activity. Include the following terms in your response: waste reduction, natural resource, and recycling. Use a Main Ideas With Support sheet for prewriting.

Application (15 points)

--Present the *Is It Recyclable?* sort activity to another class at your school with a classmate.

- 1) Write a letter to the class you wish to visit. Include who, what, when, and why information.
- 2) Read over the Student Information Pages before presenting.
- 3) Bring 10 items (two plastic, two metal, two paper, two glass, and two organic) to share.
- 4) Pass these items out to 10 students in the room.
- 5) Call on students one at a time to help you make two piles--recyclable and not recyclable in the front of the room. Ask each student to explain his/her choice.
- 6) Discuss each item. If it is recyclable, tell where. If it is not recyclable, tell why not.
- 7) Pass the items to 10 different students and ask them to again make two piles--recyclable and not recyclable in the front of the room. Ask each student to explain his/her choice to show what the class learned.

After the activity--Write a paragraph describing the three most important things you learned from this experience. Use a Main Ideas With Support sheet for your prewriting.



Is It Recyclable?
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(continued)



Analysis (20 points)

--Conduct a home waste audit to find out what you are throwing away. Create a chart that shows at least two strategies for waste reduction in each of the following categories: Reduce, Reuse, Precycle, Recycle. Discuss your findings with your family. Make a Waste Reduction Contract for your home that uses one strategy from each category on which every family member will agree. Turn in your chart and a copy of your Waste Reduction Contract.

Synthesis (25 points)

--Create a song, poem, or rap that illustrates the benefits of waste reduction. A 25-point response will use the following words in a meaningful way: waste reduction, natural resources, reduce, reuse, precycle, and recycle. Be prepared to present your artistic creation to the class.

Evaluation (30 points)

--Evaluate the following statement: "There have always been enough natural resources and there will always be enough natural resources." Collect information from at least three sources before writing a paragraph response. Use a Main Ideas With Support sheet for your prewriting. Include at least one quote. Turn in a bibliography of the sources used.

Name _____

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Main Ideas with Support Prewrite Sheet



Directions: Complete this sheet to prepare for paragraph writing. Each main idea sentence needs an additional support sentence to give more details.

Topic Sentence _____

1st Idea _____

1st Support _____

2nd Idea _____

2nd Support _____

3rd Idea _____

3rd Support _____

Conclusion Sentence _____

If you have more than three ideas, use additional paper!