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.

<table>
<thead>
<tr>
<th>Natural resources that can be recycled</th>
<th>Recycling options in our area</th>
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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.
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.
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**

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**1st Idea**

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**1st Support**

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**2nd Idea**

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**2nd Support**

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**3rd Idea**

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**3rd Support**

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**Conclusion Sentence**

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