



### 'OPALA OUTING

### LEARNING LOG 8

NAME: \_\_\_\_\_ CLASS: \_\_\_\_\_

DATE: \_\_\_\_\_

1. What kind of products does Schnitzer Steel Hawaii recycle?
2. Where does Schnitzer Steel get the metal it recycles?
3. Draw a diagram that shows how HPOWER converts waste into energy. Include at least three steps that show transformation of heat energy, mechanical energy and electrical energy.
4. Name three by-products of HPOWER.
5. How does HPOWER have a positive impact on Hawai'i's environment?
6. What process does the green waste at Hawaiian Earth Products have to go through before it becomes mulch and can be used in a garden? List the steps.



**'ŌPALA OUTING**

**LEARNING LOG 8 (CONT.)**

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7. What are some of the items produced by Hawaiian Earth Products?

8. What are some items that should not be sent to Hawaiian Earth Products?

9. Identify four (4) or more items you observed in the Waimanalo Gulch Landfill that could have been reused or recycled

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

d. \_\_\_\_\_

e. \_\_\_\_\_

f. \_\_\_\_\_

10. Explain and/or diagram how the landfill is constructed.

11. What are some dangers that the landfill may cause to the environment?