

DECOMP LAB

I. Guess on Decomposition Time.

Item	Guess on the Order of Decomposition	Actual Order	Actual Decomp Time

II. Hypothesis on Effect of Temperature and Moisture on Decomposition

- A. Room Temp, No water
- B. Room Temp, Water
- C. Heat, No water
- D. Heat, Water

Which will decompose the fastest? Why?

III. Qs

- A. Which of the landfill models decomposed the fastest?
- B. Most of our waste goes into landfills. Explain why there are some problems with this. Include 3 types of substances, method on how they cause environmental problems, and their effects
- C. Incineration is another option for waste. Explain benefits & drawbacks to this approach.
- D. Describe 2 other methods of dealing with solid waste and possible environmental consequences.
- E. What are the 3 Rs? Give an example of a substance you could use for each one.
- F. What is the difference between municipal vs. hazardous waste? Give an example of each. How is the disposal of each different from one another?
- G. Draw and describe the parts of a landfill.

DECOMP LAB

I. Guess on Decomposition Time.

Item	Guess on the Order of Decomposition	Actual Order	Actual Decomp Time

II. Hypothesis on Effect of Temperature and Moisture on Decomposition

- A. Room Temp, No water
- B. Room Temp, Water
- C. Heat, No water
- D. Heat, Water

Which will decompose the fastest? Why?

III. Qs

- A. Which of the landfill models decomposed the fastest?
- B. Most of our waste goes into landfills. Explain why there are some problems with this. Include 3 types of substances, method on how they cause environmental problems, and their effects
- C. Incineration is another option for waste. Explain benefits & drawbacks to this approach.
- D. Describe 2 other methods of dealing with solid waste and possible environmental consequences.
- E. What are the 3 Rs? Give an example of a substance you could use for each one.
- F. What is the difference between municipal vs. hazardous waste? Give an example of each. How is the disposal of each different from one another?
- G. Draw and describe the parts of a landfill.