

Name _____

Date _____



“Leaf” It in Your Yard (Composting) Proficiency Assessment



Directions: Multiple choice.

- 1) What do all living things need to grow and reproduce?
 - a) air, water, soil, and animals
 - b) energy, air, water, and space
 - c) plants, water, and energy
 - d) none of the above

- 2) Which of the following is considered a safe use of materials?
 - a) wearing goggles, standing near a shovel while it’s in use
 - b) taking off goggles before all tools are returned, transporting tools with sharp edges up
 - c) washing hands when finished, keeping clear of a shovel while it’s in use
 - d) transporting tools with sharp edges down, playing around with tools or water

Directions: Extended multiple choice.

- 3-4) Which **two** of the “Ways To Conserve Our Natural Resources” happen when people compost leaves?

Ways To Conserve Our Natural Resources

Reduce = to use less of a something

Reuse = to use something in a new way without changing it

Precycle = to buy something knowing it can be recycled later

Recycle = to change something through a process into something else

- a) reduce and reuse
- b) reuse and precycle
- c) precycle and recycle
- d) recycle and reduce

Explain _____

Name _____

Date _____



“Leaf” It in Your Yard (Composting)
Proficiency Assessment
(continued)



Directions: Short answer.

5-6) Which of the following *benefits of composting* represents a transformation of matter?

- saves energy--fewer trucks needed to haul and process garbage
- saves money--lower waste hauling fees, less money spent to buy fertilizer
- creates nutrient-rich soil--which can be used on lawns, gardens, house plants, etc.
- provides exercise--turning a compost pile increases your heart rate and blood flow which is good for your circulatory system

Explain _____

Directions: Extended Response.

7-10) Write a letter to your parents on a separate sheet of paper that explains the two most important things you learned from “*Leaf*” *It in Your Yard* inquiry. Use three or more of the choices from the Word Bank in your response.

Word Bank

layers humus decomposition water
energy matter safety nutrients

Checklist

I will earn my best score if:

- My letter tells two important things I learned.
- My letter gives details about each important thing.
- I use three or more words from the Word Bank.
- I use the form for a letter with a greeting, a body, and a closing.
- I use words that make my meaning clear. I do not use the same words over and over.
- I try to spell the words correctly.
- My sentences and proper names begin with a capital letter.
- My sentences end with a period, an exclamation mark, or a question mark.