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?

<table>
<thead>
<tr>
<th>Ways To Conserve Our Natural Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reduce</strong> = to use less of a something</td>
</tr>
<tr>
<td><strong>Reuse</strong> = to use something in a new way without changing it</td>
</tr>
<tr>
<td><strong>Precycle</strong> = to buy something knowing it can be recycled later</td>
</tr>
<tr>
<td><strong>Recycle</strong> = to change something through a process into something else</td>
</tr>
</tbody>
</table>

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

Explain ________________________________________________________
                                                                 ________________________________________________________
                                                                 ________________________________________________________
                                                                 ________________________________________________________
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.