Natural Balance

Grade 3 Science

Name: ___________________________  Date: ___________________

Activity 1:
Which of these choices are the three components found in soil?

Circle three:

- Pebbles
- Humus
- Clay
- Dirt
- Sand

Which of the choices above holds the most water? ____________

Activity 2:
Listed below are several plants and three environments. See if you can match each plant to the environment in which it would grow best.

<table>
<thead>
<tr>
<th>Plants</th>
<th>Requires lots of sun</th>
<th>Requires loose soil with lots of humus</th>
<th>Requires lots of water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumpkins</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rice</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corn</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peaches</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cabbage</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Pumpkins
- Likes lots of sun
- Likes loose soil with lots of humus
- Likes lots of water

Rice
- Likes lots of water
- Likes clay soil with some humus
- Likes warm weather

Corn
- Likes lots of sun
- Likes loose soil with lots of humus
- Likes a breeze to pollinate

Peaches
- Likes warm seasons
- Likes loose soil with lots of humus
- Wind can break branches

Cabbage
- Likes cold seasons
- Likes sandy soil with some humus
- Does not like wet soil

An open grassland with full sun and a breeze. The soil is loose with lots of humus. A stream runs through. Warm Springtime and hot Summers. Plenty of rain.
1 ____________
2 ____________
3 ____________

A coastal wetland with full sun and hot, wet weather. The soil is a humus and clay mix with large deposits of clay in the water.
1 ____________

A windy clearing on a forested mountainside. Sunny but cold, even in the Spring. Soil is a rocky sand mixed with humus from the forest. Plenty of rain but the soil does not hold onto much water.
1 ____________
Activity 3:

April, 1755

“There was a frost so bad that the acorns were hurt... The cold has continued for this entire month, though now by day it is warmer. People here in Carolina say it has been a cold and extraordinary winter.”

Based on the quote above, what kind of environment do you think acorns do well in?

Circle one:

Rainy

Warm

How do you know this?

________________________________________________________________________

________________________________________________________________________

Activity 4:

Go outside and find a plant. Look around the dirt and notice what kind of soil it grows in. Think about how much it rains in your area and if the plant is near water or not.

<table>
<thead>
<tr>
<th>What plant did you find?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Did the soil contain more sand, clay, or humus?</td>
</tr>
<tr>
<td>How does this plant get water?</td>
</tr>
</tbody>
</table>

Describe what kind of environment you think this plant likes best:

________________________________________________________________________

________________________________________________________________________