

Ecosystem Survey

General Information				
Date:				
Students in the group:				
Weather:	<input type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Rainy	
Season:	<input type="checkbox"/> winter	<input type="checkbox"/> spring	<input type="checkbox"/> summer	<input type="checkbox"/> fall
Presence of Water:	<input type="checkbox"/> clear	<input type="checkbox"/> silty	<input type="checkbox"/> murky	<input type="checkbox"/> muddy
	<input type="checkbox"/> oily sheen	<input type="checkbox"/> foamy	<input type="checkbox"/> none	

Sketch of your Survey Site																			
										your rope									

Soil Analysis

Soil observations:

Using your senses, record observations you see about the soil.

pH

1. Digging tool: Spoon
2. Put a spoonful of soil in a petri dish (do not choose topsoil, instead go at least 2 inches under the Earth)
3. Add 10 ml water
4. Stir for 60 seconds
5. measure pH
6. Dump test into waste water bucket

Pollution:

List the type and quantity of any human trash that you observe

Vegetation Survey		
1. collect ONE leaf or blade of grass from every different type of plant you find (don't pull up the roots!!!) 2. tape the sample in an empty square 3. count or estimate the number of individual plants of this type at your site 4. pick a representative plant and measure its height (in cm) 5. on your map, outline and label the places in your site where this plant is found (Mrs. Feldmann has extra pages like this if you need them)	#1	#2
	Number:	Number:
	Height:	Height:
	#3	#4
	Number:	Number:
	Height:	Height:
	#5	#6
	Number:	Number:
Height:	Height:	
#7	#8	
Number:	Number:	
Height:	Height:	

Insect Survey		
<p>1. draw a picture of each insect you find in an empty square (DO NOT HARM ANY INSECTS!)</p> <p>2. count or estimate the number of insects of this type at your site</p> <p>3. on your map, outline and label the places in your site where this insect is found</p> <p>(Mrs. Feldmann has extra pages like this if you need them)</p>	#1	#2
	Number:	Number:
	#3	#4
	Number:	Number:
	#5	#6
	Number:	Number:
	#7	#8
	Number:	Number: