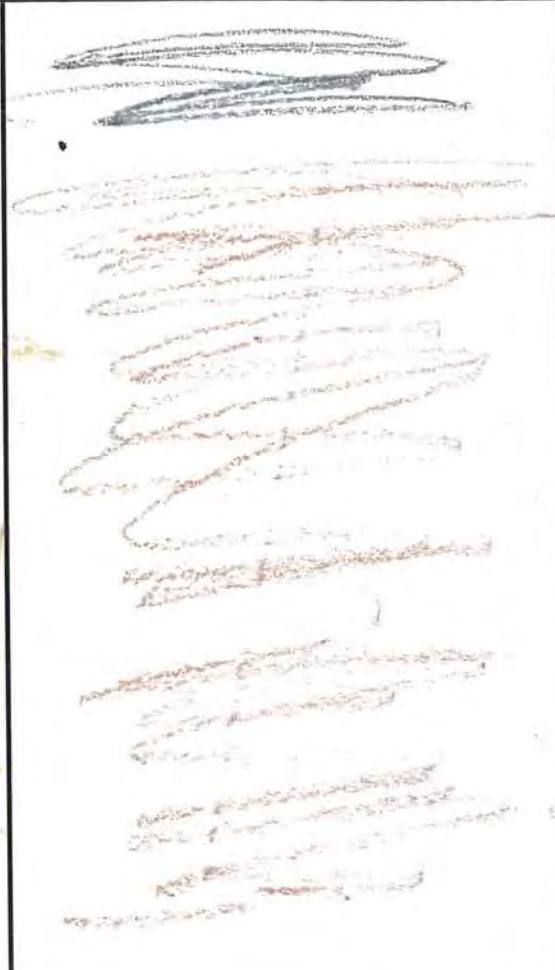


My observations of soil samples

	Soil Sample #1	Soil Sample #2	Soil Sample #3	Soil Sample #4	Soil Sample #5
WHAT I SEE Draw a soil profile					
Treasures I found	root meadow	worm Pine tree	wet land	creek	glass, rock lawn
can you find:					
sand?	✓				
silt?			✓		
clay?	✓		✓		
humus?	✓	✓			

Getting to Know Soil Student Activity - Soil Profiling

Name: Arielle

Date: 3/28/11

My observations of soil samples

	Soil Sample #1	Soil Sample #2	Soil Sample #3	Soil Sample #4	Soil Sample #5
WHAT I SEE Draw a soil profile					
Treasures I found	twigs, roots, little leaves, mulch, grass	roots, twigs, leaves, pine needles, worm	* leaves, roots	grass, rocks, leaves, milk	roots, grass, twigs
can you find:					
sand?					
silt?		✓			✓
clay?		✓	✓		
humus?	✓	✓	✓		✓

My observations of soil samples

	Soil Sample #1	Soil Sample #2	Soil Sample #3	Soil Sample #4	Soil Sample #5
WHAT I SEE Draw a soil profile					
Treasures I found	It felt cold and wet			Sparkly Small rocks	
can you find:					
sand?					
silt?					
clay?					
humus?					

My observations of soil samples

	Soil Sample #1	Soil Sample #2	Soil Sample #3	Soil Sample #4	Soil Sample #5
WHAT I SEE Draw a soil profile	 Pine tree	 Meadow	 Wet land	 Creek bank	 Lawn
Treasures I found	Worm, Onion, sticks, Leaves, roots	roots, mulch, rocks	Leaves, roots	tiny rocks, milk, broken shells	roots, grass, Leaves
can you find:					
sand?					
silt?	✓		✓	✓	
clay?	✓				✓
humus?	✓	✓			✓

A Soil Field Study - Data Sheet

Name: blue group

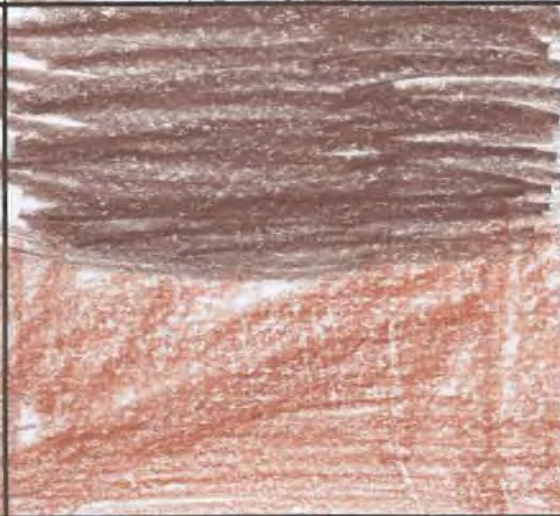
Date: _____

	Field Location #1 <u>out side class room</u>	Field Location #2 <u>The big tree</u>	Field Location #3
WHAT I SEE Draw a soil profile			
Treasures found	<u>rock 2 worms</u> <u>rocks</u>	<u>pine cone rocks</u> <u>grass</u> <u>worm</u> <u>ant</u>	<u>Worm</u> <u>egg</u> <u>shell</u>
What do you smell?	<u>dirty old</u> <u>basement</u>	<u>pine forest</u>	<u>grass</u>
Can you find:			
sand?			
silt?	✓	✓	
clay?	✓		
humus?			✓
Air Temp.	<u>24.0</u>	<u>21.1</u>	<u>25</u>
Soil Temp.	<u>10.5</u>	<u>9.1</u>	<u>11.1</u>

A Soil Field Study - Data Sheet

Name: Blue group

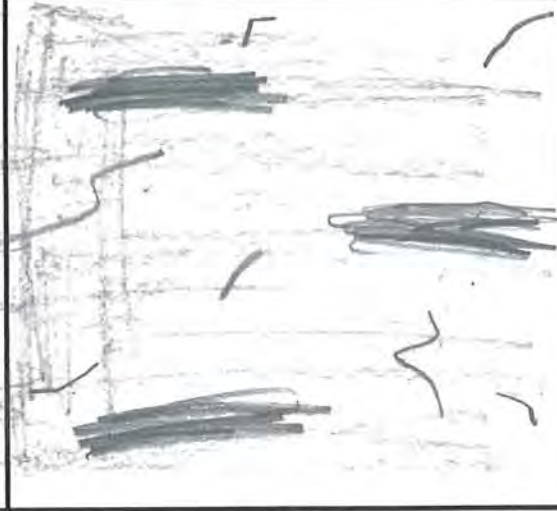
Date: _____

		Field Location #1 <i>air 26°C ground 11.3°C</i>	Field Location #2 <i>outside the class room</i>	Field Location #3 <i>Front tree</i>
WHAT I SEE Draw a soil profile				
	Treasures found	<i>roots little moltch rocks</i>	<i>Grass sticks roots bug</i>	<i>3 worms roots Grass ants</i>
What do you smell?				
Can you find:	sand?	☒	☒	☒
	silt?	☒	☒	☒
	clay?	☒	☒	☒
	humus?	☒	☒	☒
Air Temp.		<i>26°C</i>	<i>25°C</i>	<i>24°C</i>
Soil Temp.		<i>11.3°C</i>	<i>11.5°C</i>	<i>9.5°C</i>

A Soil Field Study - Data Sheet

Name: Red group

Date: _____

	Field Location #1 <u>outside</u>	Field Location #2 <u>garden</u>	Field Location #3 <u>tree</u>
WHAT I SEE Draw a soil profile			
Treasures found	leaf rock ← 5. Gobs cent'ried	half worm half rock	grass, root
What do you smell?	delicious	good enough to eat, hummus wormy	salty, wormy
Can you find:			
sand?	✓	✓	✓
silt?	✓	✓	✓
clay?	✓	✓	✓
humus?	✓	✓	
Air Temp.	26	28.5	25.5
Soil Temp.	14.1	10.7	10.4