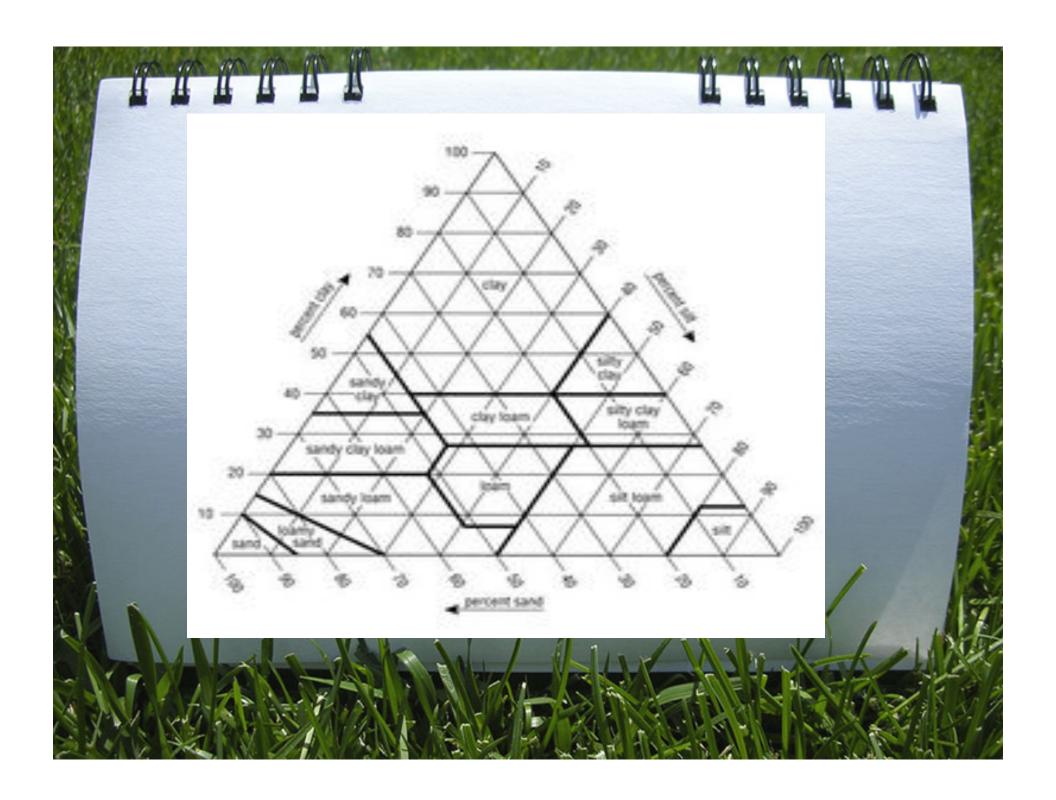




HH	W W	Mr. Huran		
M M		Topic: Soil Composition	Soil Scientist:	MA MA
		Part 1: Soil Texture	Group Name:	
			Period:	
	Lab Task	Directions	Date: Data	
	Purpose	You can identify soils based on		
	Luipose	the amount of clay, silt and sand		
		that make them up.		86
	Question	Is the soil hand test an accurate		100
W	Question	way of identifying soil texture?		
	T	C 1. d Ct .	T. P.d.	14
	Hypothesis	Complete the following sentence	I predict that	A CONTRACTOR OF THE PARTY OF TH
		frame to construct your hypothesis.	because	
		hypothesis.		-
in the second	Materials	0.0000000 100	Location	
	4.15.1004.24	1. 3 Soil Samples	1	100
		2. Water	2	14/3
		3. Test Tubes	3	
		Hand Test Chart Soil Texture Pyramid	4	No.
35		6. Metric Ruler	5 6	
		7. Dropper	7	/ A
		8. Test Tube Stopper	8.	ent.
		9. Masking Tape	9	
	Procedures		Rationale	
~ \ \ 7. \ \	Part 1:	Place approximately a	1.	
A STATE OF THE	Hand Test	teaspoon of soil into your palm.		1000
CAN KAN	100			
DE LA LANGE				TO STANT

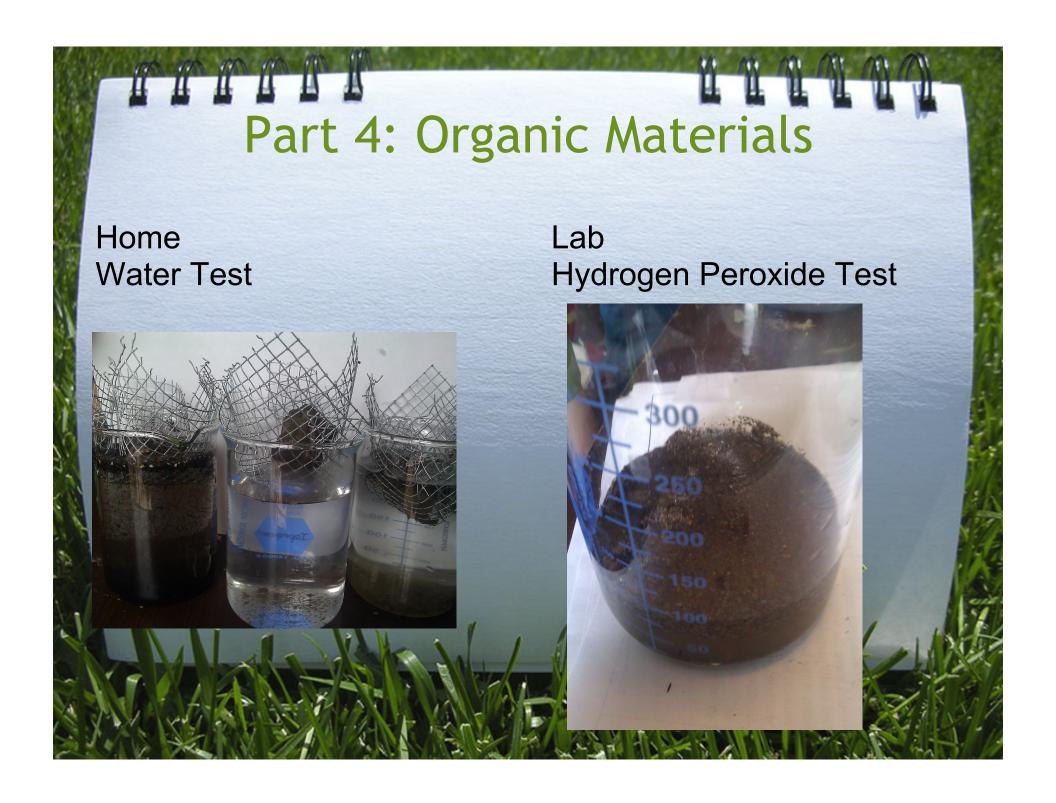
	go go	M M	0.004	004	253	5 1	4	m	M	100	1	
1 1		7. When all samples are fully settled, measure the height of the layers using a metric ruler and record below.	7				-				*	Total Section
		Complete the table. To find	Sample	Total	height of	% sand	height of silt	% silt	7			
	Results Part 2:	percentages, divide the height of the layer by the total height of	Ħ	height	sand		3111					
	Settling	soil. Use the soil pyramid chart to						5				
	Test	identify your type of soil.	Sample #	Height of clay	% clay	Type of 8	oil					À
Y												
	Conclusion	Complete the sentence frame about your original hypothesis.			s							
	Conclusion											Ma
	the tests do yo	On a separate piece of paper) 1) Who ou think is the most useful and why? I clude a labeled drawing of at least on	B) How co	ould you u	_						H	
				A. C.	1							





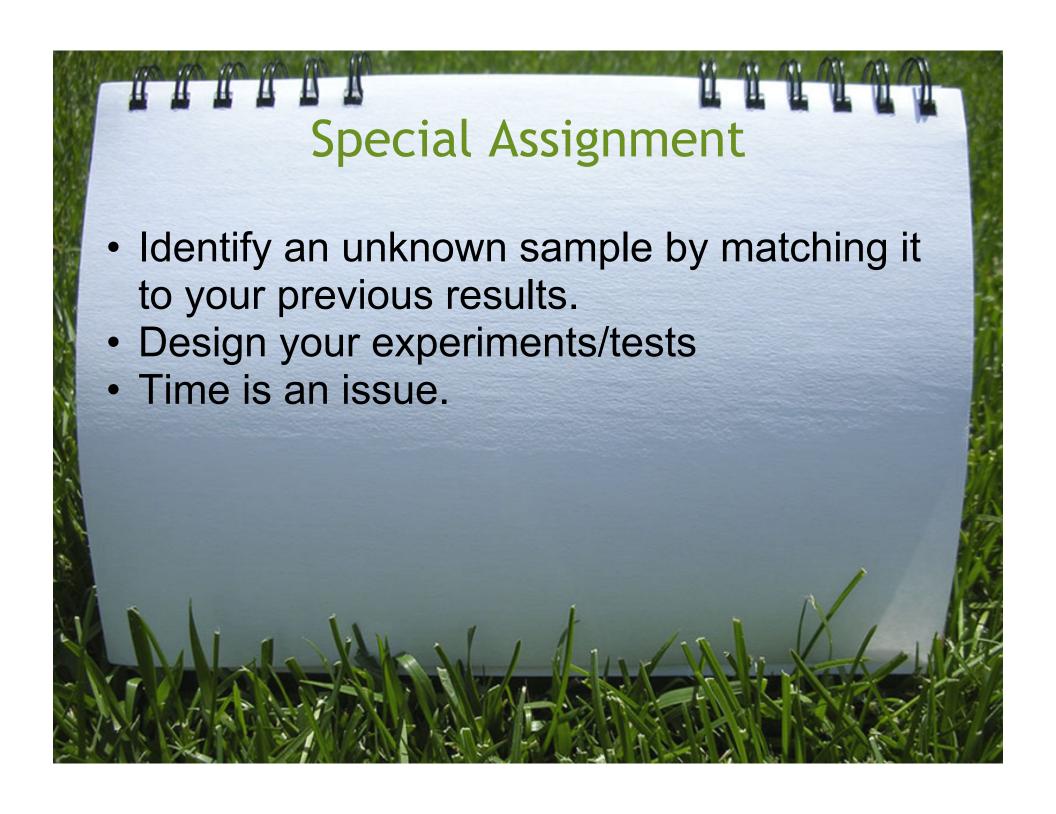


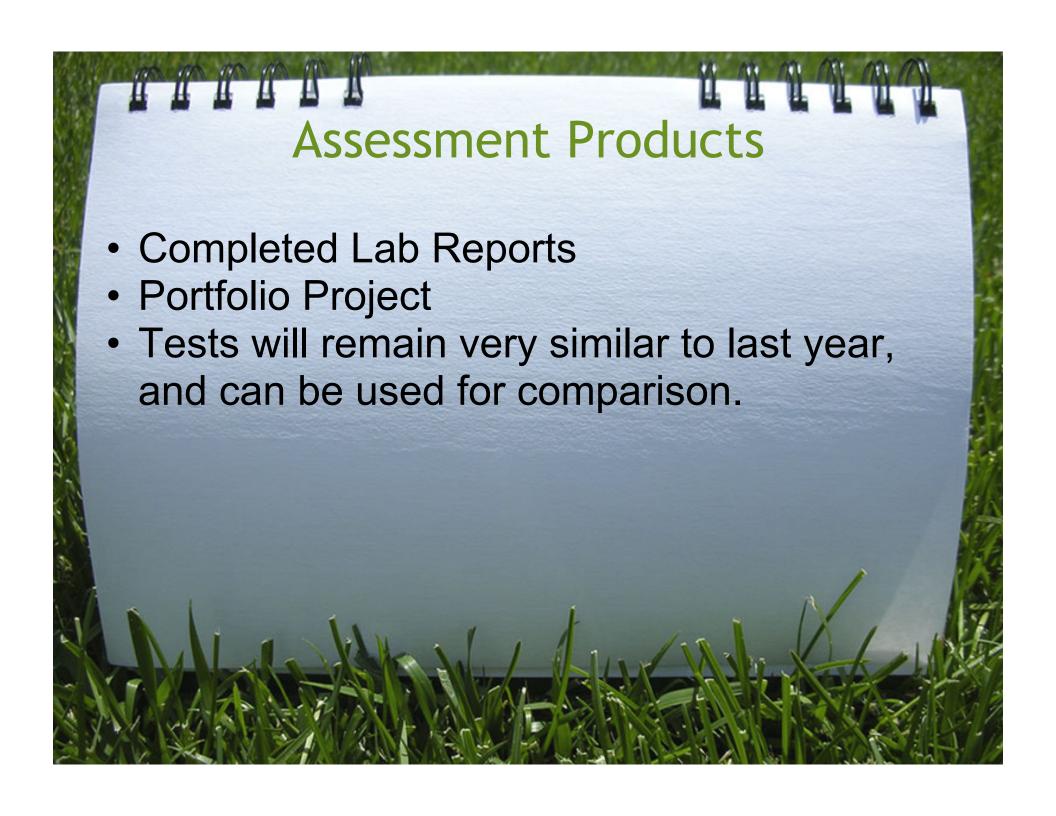












HHALA

Materials	Complete and accurate list of the locations of the materials used. Easily used by others to find materials.	Complete and accurate list of the locations of the materials used. May be confusing for others to use.	Locations list is complete, but partially inaccurate.	Locations list in incomplete.	Section Left Blank.
Procedures	Rationales for each step of the procedures is complete and correctly describes why the steps in the procedure should be followed.	Rationales for each step of the procedures is complete, although some of the reasons given may be incorrect.	Rationales for each step of the procedures is complete, although most of the reasons given are incorrect.	Rationales for each step are not complete.	Section Left Blank.
Results	Data table is correctly and fully completed. All measurements include the units used to make the measurements.	Data table is correctly and fully completed. Measurements are missing units.	Data table is complete with some errors.	Data table is incomplete.	Section Left Blank.
Conclusio n	Correctly identifies the result of the hypothesis, and correctly identifies why the result occurred.	Correctly identifies the result of the hypothesis but struggles to explain why the result occurred.	Correctly identifies the result of the hypothesis but does not explain the results.	Incorrectly identifies the result of the hypothesis.	Section Left Blank.
Summary: Spelling, Grammar and Punctuatio n	Summary uses correct spelling, grammar and punctuation throughout with less than 2 mistakes.	Summary uses correct spelling, grammar and punctuation throughout with less than 7 mistakes	Summary uses correct spelling, grammar and punctuation throughout with less than 12 mistakes	Numerous spelling, grammar and punctuation mistakes.	Summary is illegible or missing.
Summary: Questions	All questions posed in the summary are fully and	All questions posed in the summary are answered.	Most questions in the summary are answered.	Most questions in the summary are not answered.	Summary is illegible or

