

Unit 2, Station 2, Activity 2 – Texture Test

The Scoop on Soil –Texture Test			
	Sand	Clay	Local Soil
Can you form a ball?			
Can you form a ball and then roll the ball into a snake?			
Can you form a ring with the snake shape you made?			
Does your sample feel gritty or sandy?			
Does your sample feel smooth, like flour?			
Does the sample feel neither gritty nor smooth?			
What color is the soil?			

Unit 2, Station 2, Activity 3 – Percolation Test

(Note: Your prediction should go in shaded areas; your observations go in unshaded sections. Use the right-hand column to explain your predictions and observations.)

Prediction/Observation	Sand	Clay	Local Soil	Explanation
Will the water run out through the bottom of the bottle? Yes/No				
The water ran out of the bottom of the bottle. Yes/No				
How much water will run out?				
How many mL of water percolated through?				
How many seconds will it take for the water to pass through the soil?				
The time it took for the water to pass through the soil was...				
What will the water look like when it comes through? Clear, murky, very dirty, etc.				
The water was... (Describe its appearance.)				
Will the water still have food dye in it? Yes/No				
It looks like the water had...(same amount of dye, less dye, no dye)				
Will the soil look different where the water has gone? Yes/No				
The soil looked...(Same/Different)				