"Dig It!" Exhibition

Follow the directions to navigate your way through the online exhibition of "Dig It!" put together by the Smithsonian. *The bold text means you need to answer a question or write something down.*

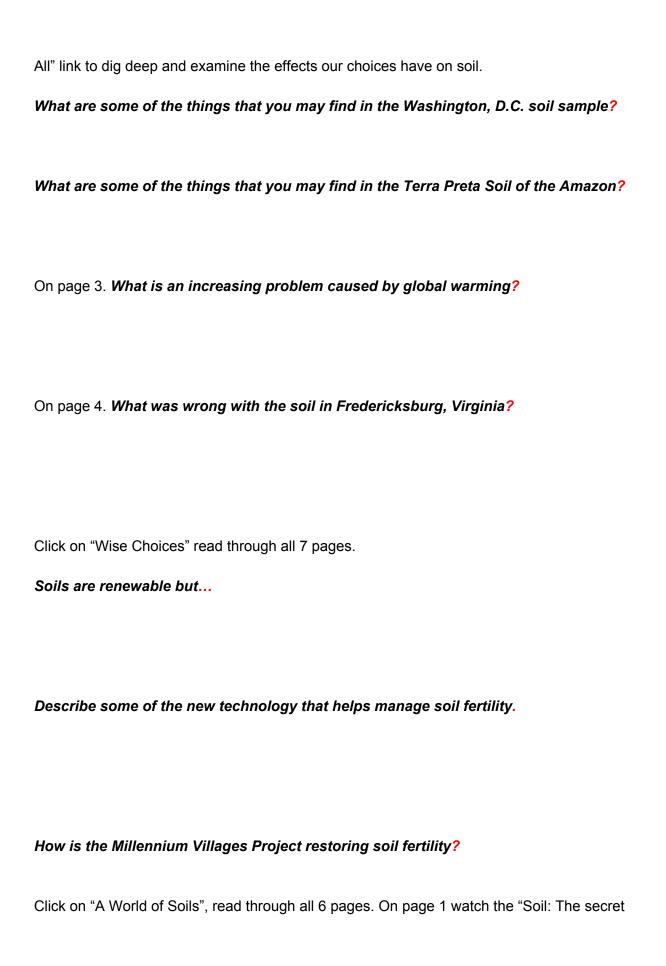
Go to this web site: http://forces.si.edu/soils/02_00_00.html		
Read the introduction titled <u>"Sizing Up Soils"</u>		
Click on <u>"The Big Picture" and take the Quiz,</u> if you miss a question click on the "Learn More" and learn about the topic.		
What is one interesting fact about soil that you learned from the quiz?		
Click on "State Soil Monoliths" click on Texas then choose 2 other states and read about their soil. <i>What is a Fun Fact about Texas soil?</i>		
What is in the soil of one other state? Tell me the name of the state.		
What is so special about the soil of one other state? Tell me the name of the state, it		

needs to be different from Texas, and the state in the question above.

Click on "What is Soil" read thro	ough all 5 pages and answer the	ese questions.
A teaspoon of good farm soil species.	contains up to	bacteria in more than 4000
Soil is theage, they breathe.	of the earth. Soils are	, they are born, they
What are the ingredients of so	oil?	
On page 3 watch the "Chef's Ch	nallenge" video	
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What is the today's secret ing	realent?	
Who are the judges?		
On page 4 click on the "Recipe "Soil ingredients" take the quiz t soils.		nt soil recipes. Then click on the makeup of different types of
What % of ingredients make u	up Desert Soil?	
Loamy Soil?		
Peaty Bog?		
Read page 5. What does CLO	RPT stand for?	
Click on "Chip off the Old Block"	' read through all 6 pages.	
95% of the earth's crust is ma	nde of just eight elements. W	hat are they?

Texture influences a soil's capacity to		
On page 6 play the Color Matching game.		
Gray.Blue.Green =		
Red.Yellow.Orange =		
Click on "Soil Forming Factors" read through all 6 pages. On page 2 play th Game.	ne Hidden Horizons	
Describe the A horizon.		
What is a monolith?		
On page 4 click on the "Earth Skin Types". Describe Ultisols.		
What type of soil is in our area?		
On page 6 click play the "Where in the Soil World are You".		
The flip flop is in the	_ soil type.	
The spur is in the	soil type.	
The mammoth tusk is in the	soil type.	
Click on "Matters of Life and Death", read through all 6 pages.		
Not all forms of life need oxygen to breathe. What other things can microorganisms use?		
Describe some of the characteristics of Lichens.		

Click on "Underneath it All", read through all 5 pages. On page 1 click on the "Underneath it



Ingredient" video.

On page 3. **Define loess:**

"The secrets of soils are the secrets of our lives."