Soil: It's More Tha	n Just Dirt!			
<ul> <li>Soil is the loose material that covers much of the surface. The process of weathering breaks down produce soil over hundreds of years.</li> <li>Soil is made up of bits of rocks and minerals, hur and water. Humus is the decayed remains of o things. The more humus a soil has, the more no lot of humus are often very dark in color.</li> <li>While all soils are made of the same things (we minerals, humus, air, and water), there are differ types can be identified by observing their differ particle size, color, texture, and water capacity water)</li> </ul>	wn rocks and helps to umus, air, ince-living utrients it has. Soils with a athered rocks and erent types of soil. Soil rent properties, such as	éTioSsi teHM		
<u>O-Horizon</u> is the very top organic layer. <u>A-Horizon (Topsoil)</u> is the very top layer. It has small dark particles and a lot Of humus. This is the best layer for growing plants.	A-Horizon	zon	Layers of the Soil	
<b>B-Horizon (Subsoil)</b> is the layer of soil Right below the topsoil. The particles are larger and it is lighter in color. There is less humus.	B-Horizon C-Horizon		of th	
<u>C-Horizon</u> is weathered parent material. This can be rock or sediments. <u>R-Horizon (Bedrock)</u> is the bottom layer. It is a thick layer of unweathered, solid, rock.	R-Horizon		le Soil	

There are five factors that contribute to the creation of soil in a region.		
<b>Parent Material</b> is the starting material of soil. It is made of rock or sediments that weathers and becomes soil.	So	
<u>Climate</u> is the average weather in an area and affects the rate a parent material will weather. Warm, wet climates can produce soil rapidly because the rain and warm temperatures can maximize weathering. Weathering also increases in locations where there is freezing and thawing.	oil Formation	
<b>Topography</b> is the shape and steepness of a landscape. The topography of an area determines what happens to the water when it reaches the soil surface.	Mat	
<b><u>Biota</u></b> are all of the organisms that live in a region. Biota help speed up the process of soil formation.	Noi	
<u><b>Time</b></u> –Soil formation is a constant but slow process. Soil that is 1,000 years old is considered young soil. New soil forms on top of older soil to form layers.		
<ol> <li>Define soil?</li> <li> is the bottom layer of soil. It is a thick layer of unweathered rock.</li> <li>What factors contribute to soil formation?</li> </ol>		
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