

Soil

Objective	Test analysis
<p>1.A. Explain the rock cycle in enough detail to relate the cycling of materials - formation and destruction of the three major rock types</p> <p>B. The forms of energy that drive the rock cycle include heat and mechanical (gravitational potential) energy.</p>	
<p>2. Summarize the major events in the geologic history of North Carolina and the southeastern United States. Explain how current geologic landforms developed such as Appalachian Mountains, fall zone, shorelines, barrier islands, valleys, river basins, etc. using the geologic time scale.</p>	
<p>3. Explain how processes change sea-level over time—long- and short-term. Infer the effects on landforms such as shorelines and barrier islands.</p>	
<p>4. Recall that soil is the result of weathering of rocks and includes weathered particles: sand, silt and clay.</p>	
<p>5. Explain differences in chemical and physical weathering and how weathering rates are affected by a variety of factors including climate, topography and rock composition.</p>	
<p>6. Compare erosion by water, wind, ice, and gravity and the effect on various landforms.</p>	
<p>7. Explain the effects of human activity on shorelines, especially in development and artificial stabilization efforts.</p>	
<p>8. Explain the effects of human activity on mountainsides, especially in development and artificial stabilization efforts.</p>	