The Civilian Conservation Corps in Arkansas
7th Grade Science Lesson Plan

Science Standard

7-ESS2-2 **Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales.** [Clarification Statement: Emphasis is on how processes change Earth's surface at time and spatial scales that can be large (such as slow plate motions or the uplift of large mountain ranges) or small (such as rapid landslides or microscopic geochemical reactions), and how many geoscience processes (such as earthquakes, volcanoes, and meteor impacts) usually behave gradually but are punctuated by catastrophic events. Examples of geoscience processes include surface weathering and deposition by the movements of water, ice, and wind. Emphasis is on geoscience processes that shape local geographic features, where appropriate.]

Phenomenon

Geoscience processes have changed Earth's surface at varying time and spatial scales leading to the development of different physiographic regions in Arkansas.

Task

Describe the physiographic regions of Arkansas and how they were formed through geoscience processes.

Describe how these regions' characteristics and resources impacted the work of the CCC in building various structures at these sites: Petit Jean State Park (1923), Mount Nebo State Park (1928), Crowley's Ridge State Park (1933), Devil's Den State Park (1933), Lake Catherine State Park (1935), and Buffalo River State Park (1938).

Resources

Use the essay, photos, maps and other resources on this website, and others provided by your teacher:

Arkansas Geological Survey:
https://www.geology.arkansas.gov/education/geology-resources.html

Questions

What geoscience processes were involved in the formation of each of Arkansas' physiographic regions?

How did the characteristics of the physiographic region impact the design and construction of the CCC structures in that region?

What geoscience processes have impacted the CCC structures? What evidence is there of that process occurring?