

The Civilian Conservation Corps in Arkansas

6th Grade Science Lesson Plan

Science Standard

6-ESS3-3 Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.* [Clarification Statement: Examples of the design process could include examining human environmental impacts, assessing the kinds of solutions that are feasible, and designing and evaluating solutions that could reduce that impact. Examples of human impacts could include water usage (such as the withdrawal of water from streams and aquifers or the construction of dams and levees), land usage (such as urban development, agriculture, or the removal of wetlands), and pollution (such as of the air, water, or land).]

Phenomenon

The CCC built structures at many sites across Arkansas that were designed and built to minimize human impact on the environment.

Task

Analyze the structures built by the CCC at each site (or a chosen or assigned site): 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).

Evaluate how the design and construction of those structures minimized impact on the environment.

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

Describe the environmental conditions at each site that were considered when designing and building the structures.

What methods were used by the CCC to minimize human impact on the environment? Why were those methods used? What alternative methods could have been used?