The Civilian Conservation Corps in Arkansas
5th Grade Science Lesson Plan

Science Standard

5-ESS3-1 Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.

Obtaining, Evaluating, and Communicating Information

Obtaining, evaluating, and communicating information in 3–5 builds on K–2 experiences and progresses to evaluating the merit and accuracy of ideas and methods.

Obtain and combine information from books and/or other reliable media to explain phenomena or solutions to a design problem. (5-ESS3-1)

ESS3.C: Human Impacts on Earth Systems

Human activities in agriculture, industry, and everyday life have had major effects on the land,vegetation, streams, ocean, air, and even outer space. But individuals and communities are doing things to help protect Earth's resources and environments. (5-ESS3-1)

Systems and System Models

A system can be described in terms of its components and their interactions. (5-ESS2-1, 5-ESS3-1)

Phenomenon

Individual CCC sites in Arkansas used science ideas to protect Earth's resources and environment while designing and building structures at the identified 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 essays, photos, maps and other resources on this website, and others provided by your teacher to complete the task(s) below.

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

Task

Describe how the CCC used science ideas to protect resources while designing and building structures at the identified sites.

Questions

What materials were used by the CCC to build structures at each site?

How did the natural environment impact the design and construction of the structures at each site?

Describe the similarities and differences between the structures at two of the CCC sites.