



COTTONWOOD GULCH EXPEDITIONS

2023-2024 SCHOOL PROGRAMS

ENERGY AND FOSSIL FUELS DISCOVER THE POWER IN NEW MEXICO



OVERVIEW

Where does the energy we use come from? How does energy production affect our communities? Explore the fossil fuel rocks of New Mexico, and discover the fossils and clues they contain toward understanding climate change. Adventure through landscapes, cultural-historical sites, and local communities that are threatened by pollution from energy production. Learn about recent political efforts toward conservation by meeting with local residents, scientists, and activists.

OUTCOMES

- Develop real-world field science and environmental conservation skills
- Meet with local residents, activists, and experts.
- Learn about threatened ecosystem and cultural site preservation
- Student-led project to propose solutions for their communities.

TOTAL COST:

For up to 25 students per field session: \$11,595
For up to 35 students per field session: \$13,595

TITLE I COST:

For up to 25 students per field session: \$4,995
For up to 35 students per field session: \$5,995

PROGRAM HIGHLIGHTS

- Go for a hiking or backpacking adventure in vast New Mexico landscapes with rich ecology and cultural history.
- Collect scientific data, and compare and contrast the local environmental health at a site of fossil fuel and renewable energy production.
- Show students that their voice matters, and develop a plan to engage their community with proposed solutions to the energy crisis.

PROGRAM LENGTH

5 total days of field programming

INTENDED AUDIENCE

This program is adaptable for all audiences, with an emphasis on middle and high school students.

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