

Understanding Your Environment: Bedrock Geology Activity 5 - Structural Geology and Your Community

This investigation will help you to:

- Understanding and Applying What You Have Learned
- Inquiring Further
- Forces in the Earth's Crust
- Faults
- Folds
- Using Models to Investigate Geologic Structures

Understanding and Applying What You Have Learned

Examine the geologic map and geologic cross sections of Ohio (as an example).

- Geologic Map of Ohio
- Generalized column of bedrock units in Ohio
- US Fault map Note: map is generated at this site

[Back to Top](#)

Inquiring Further

Look at a geologic map and cross section of the Grand Tetons in Wyoming.

- Geology of the Grand Teton National Park
- Geologic map of Grand Teton National Park
- Cross section of Grand Teton NP geologic map

[Back to Top](#)

Forces in the Earth's Crust

- Birth of the Himalaya
Learn more about the tallest mountain in the world. This page is part of an entire site dedicated to Mount Everest.
- Roof of the Earth, AGU Publication
The Himalaya-Tibet region includes all but one of the world's peaks above 7000 m and is called the "roof of the world" by geographers.
- Volcanic Eruption at a New Zealand Ski Resort Prompts Reevaluation of Hazards, AGU
Researchers are reviewing the 1995 event to help ensure that future volcanic eruptions do not take visitors by

[Back to Top](#)

Faults

- [Visual Glossary - USGS](#)

Check out diagrams for a normal, reverse, and strike-slip faults.

[Back to Top](#)

Folds

- [Basic Types of Folds - Georgia Perimeter College](#)

See examples of the basic types of folds, anticlines and synclines.

[Back to Top](#)

Using Models to Investigate Geologic Structures

- [Geologic animations and paper models - USGS](#)

This page includes links to animations that cover many concepts in geology.

[Back to Top](#)
