

## Understanding Your Environment: Bedrock Geology Activity 1 - Sedimentary Rocks and the Geologic History of Your Community

### This investigation will help you to:

- Investigate - Part C: Sedimentary Rocks of Your Community
- Preparing for the Chapter Challenge
- Inquiring Further
- Sedimentary Rocks in the Earth's Crust
- Clastic, Chemical, and Organic Sedimentary Rocks
- How Sediment Becomes Rock
- Classifying Sedimentary Rocks

#### Investigate - Part C: Sedimentary Rocks of Your Community

Examine the legend of a geologic map of Ohio .

- Geologic Map of Ohio
- Generalized column of bedrock units in Ohio

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#### Preparing for the Chapter Challenge

Describe the type of environment in which each sedimentary rock might have formed. Consult a geologic map of Ohio for information.

- Geologic Map of Ohio
- Generalized column of bedrock units in Ohio

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#### Inquiring Further

Visit the USGS Cascades Volcano Observatory web site to find out more about their monitoring efforts.

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

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#### Sedimentary Rocks in the Earth's Crust

- Geologic Maps and Mapping - USGS  
Learn more about how to understand geologic maps.

- [Image Gallery for Geology - University of North Carolina](#)  
See more examples of sedimentary rocks.

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### Clastic, Chemical, and Organic Sedimentary Rocks

- [Historical Geology Online Laboratory Manual - Georgia Perimeter College](#)  
Click on the "Lab 4 Sedimentary Rocks" link. Read a thorough discussion of clastic, chemical, and organic sedimentary rocks. Illustrations accompany each description.
- [Characteristics of Sedimentary Rocks - by Dr. Michael Pidwirny, University of British Columbia Okanagan](#)  
The properties of sedimentary rocks are introduced in this illustrated section from an online textbook (Fundamentals of Physical Geography, Michael Pidwirny, University of British Columbia Okanagan, Canada). Key terms are linked to definitions in an accompanying glossary.

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### How Sediment Becomes Rock

- [Bedform Sedimentology Site - USGS](#)  
Read an in-depth background on sedimentary features such as cross bedding, bedforms, and paleocurrents.

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### Classifying Sedimentary Rocks

- [Sedimentary rocks, by Pamela Gore, Georgia Perimeter College](#)  
Part of a physical geology course, these notes provide a brief, illustrated introduction to sedimentary rocks, covering terrigenous sedimentary rocks (also called detrital or clastic), chemical/biochemical sedimentary rocks (including the evaporites, the carbonates and the siliceous rocks), organic sedimentary rocks, and other types.
- ["Sedimentary Rocks " - USGS](#)  
This site explains the classification of sedimentary rocks based on their quartz, feldspar and lithic composition.
- ["Sedimentary rocks and sedimentary rock classification" - Ocean Drilling Program](#)

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