

Montana Bureau of Mines and Geology



ERN Item Type:

- Online Outreach Programs

Organization:

Montana Tech (Mtech)

Website Link:

<https://www.mbm.mtech.edu/>

Description:

Data and maps, research, reports, fact sheets; Location: Butte, MT

Grade Level:

- K
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Tags:

- montana
- geology
- mining

Earth Science Big Ideas:

- Big Idea 2

Is this tagged to NGSS by the organization?:

No

NGSS Crosscutting Concepts:

- Patterns
- Cause and effect: Mechanism and explanation
- Scale, proportion, and quantity
- Systems and system models
- Energy and matter: Flows, cycles, and conservation
- Stability and change

NGSS Disciplinary Core Ideas:

- ESS1.C
- ESS2.A

NGSS Science and Engineering Practices:

- Developing and using models
- Planning and carrying out investigations
- Analyzing and interpreting data
- Constructing explanations (for science) and designing solutions (for engineering)
- Engaging in argument from evidence

NGSS Performance Expectations:

- 2-ESS1-1
- 4-ESS1-1
- MS-ESS2-3
- MS-ESS1-4
- HS-ESS1-5
- HS-ESS1-6
- 2-ESS2-1
- 4-ESS2-1
- 5-ESS2-1
- MS-ESS2-2
- HS-ESS2-3

