

## Geological Features Project

A Powerpoint slide show on a selected geological feature is required for the class. The slide show should consist of 12-15 slides and include the following topics:

- 1) Introduction and conclusion slides
- 2) Reference slide (Wikipedia cannot be used as a reference)
- 3) General description of feature including geographic location with a map
- 4) Geological formation including the role of plate tectonics
- 5) Specific composition of rocks
- 6) Weathering and erosional processes

Attached is the rubric for the grading of the presentation. You will need to research your topic and develop a presentation with mostly pictures some text. You will be required to present your slide show in class during one of three class periods. On-time attendance is required at all three presentation class meetings and will count in the grade. Please choose one of the suggested topics below for your research:

Yellowstone Caldera, WY	Carlsbad Caverns, NM
Devils Tower, WY	Bonneville Salt Flats, UT
Mauna Loa, HI	Florida Keys, FL
Great Sand Dunes, CO	Garden of the Gods, CO
Stone Mt., GA	Paynes Prairie, FL
Palo Duro Canyon, TX	Crater Lake and Wizard Island, OR
Mt. St. Helens, WA	Mammoth Cave, KY
Mt. McKinley, AK	Shiprock, NM
Petrified Forest, AZ	Mississippi River Delta, LA
Sunset Crater, AZ	Bryce Canyon, UT
Zion Canyon, UT	Llano Uplift, TX
North Dome, CA	Mt. Ranier, WA
Aniakchak, AK	Copper Canyon Fan, CA
Capitan Reef, TX	Voyageurs Park, MN
Devil's Postpile, CA	Chief Mt, (Glacier NP), MT
Fossil Butte, WY	Old Man of the Mountain, NH
White Sands, NM	Capital Reef, UT

<b>Grading Criteria</b>	<b>Points Available</b>	<b>Points Earned</b>
Presentation had 12-15 slides with pictures	10	
Introduction Slide	5	
Geographic Location with Map	10	
Rock Type	10	
Method of Formation (including Plate Tectonics)	10	
Weathering and Erosion	10	
Conclusion Slide	5	
Reference Slide	10	
Correct Grammar	5	
Correct usage of Geologic Terms	5	
Correct Spelling	5	
On-time Attendance at Talks	15	
<b>Total</b>	<b>100</b>	