

National Park Brochure

This project is due: _____

This assignment provides you with the opportunity to explore the geologic features of one of our nation's great resources, the National Park System. You will combine your current knowledge of geology and your research skills to become an "expert" on one of our national parks.

Task:

- To identify the structural geology of a national park
- To create a "brochure" highlighting the significance of the park, its structure, and its natural resources.

Audience:

- Students and teacher of Earth Science
- Your brochures will be displayed for all Earth Science classes.

Format:

- A four-page (8 1/2" x 11") brochure of written and visual information

Information to be included:

History of the park

- How and when it was discovered
- How it became a national park
- Any other significant information relating to history

Geology

- Thorough explanation of geologic structure
- How the geologic past of the area produced the present park
- Evidence of mountain building (dome, volcano, folded, faults)
- Evidence of erosion (glacial, caverns, wind, stream, wave)
- Evidence of specific features (hot spots, geysers)
- Evidence of paleontology
- Natural resources (rocks, minerals, other)
- How is it continuing to change?

Vocabulary

- Terms used by geologists to describe the park
- Definitions

Features/Attractions

- What is the geologic attraction?
- Does the weather affect the geology? If so, how?
- Significant formations or points of interest
- Are geologists or other scientists studying this area? Why?
- Unusual plant or animal life?

Visuals

- Personal pictures
- Pictures from the Internet (remember to reference)
- Drawings by you

Miscellaneous

- Size
- Location
- Number of visitors
- Other

You must include:

- An alternate or creative name for your park: ex. Acadia National Park: Home on the Range
- At least 2 sources, properly referenced
- Visuals
- Writing in your own words (DO NOT COPY AND PASTE TEXT!!!)

****There is a plagiarism policy for Amity High School. If you think you may have plagiarized something, come and see me and we will review it together.****

Suggested Sources:

Gps.gove (click on In Depth)
GORP.com
www2.nature.nps/grd/tour/index.htm
Your own experience
E-mail from persons working in the park

References:

Use the "Reference Guidelines" handout for specific information on how to reference internet information, e-mails, etc.

Rubric for Grading “National Park” Project

	Possible Points	Points Earned
GEOLOGY OF PARK (50 points)		
Thorough identification of geologic structure(s)	15	
Correct scientific explanation and information	15	
Appropriate vocabulary used within explanation	10	
Clearly and logically written with audience in mind	5	
Miscellaneous	5	
VOCABULARY (20 points)		
Appropriate and important terms	8	
Clear definitions written in own words	8	
Enough for understanding geology	4	
OVERALL PRODUCT (30 points)		
Neat and logically arranged	5	
Minimum of 2 sources	5	
Referenced properly	5	
Alternate Title	2	
All categories included	5	
Effective visuals	5	
Non-geologic information enhances understanding of park	3	
TOTAL POINTS		
If received late, 10 points will be deducted for each day that it is late.		
Comments:		

There will be intermediate milestones while working on this project. They will be graded separately as homework assignments, and will not count towards the final product. Projects are heavily weighted (like 3 quizzes), and are an important part of the marking period grade. Therefore you need to make every effort to complete an excellent project, on time.