Name _____,

Geology National Parks Final Project

The Project:
Individually you will choose a U.S. National Park (possibly other countries) which interests you and is relevant to this course. You will act as a park ranger that is representing a certain national park. You must check with Mr. Walsh about the park to get approval, suggestions, etc. You may also request help in finding sources of information, either from Mr. Walsh or with a librarian. Your textbook also contains citations to excellent literature. I would recommend looking at pictures in the text to brain storm
You will be allotted time in class to do research on your project your primary resource will be your laptops but there are other resources. If time is being wasted, I will deduct points from your overall presentation grade.

Due Dates
1. You are required to have an <u>approved</u> topic by _____
2. The presentation will be due by _____.

Length, Content and Format:
3. You are required to turn in a 500 word paper along with an effective computer presentation with visual and audio components.
4. The paper will be due _____
5. The paper will be font 12, double spaced and 1 inch margins, you may use whatever style you are most comfortable with when writing your paper but must site all references used (in a bibliographic list with correct format) at the end of your paper, this is not optional.
6. The Content, this area should include pictures, diagrams (presentation only not paper) and valuable information that makes your park unique, items that you must address:
   1. Name and location of park, (include a map)
   2. Why you chose the park
   3. Topographic Map – Google Earth or http://www.gmap-pedometer.com/
   4. Geology of park-How was your park created? (this should be the most in-depth of topics!) Should include:
      a. Plate Tectonic activity (earthquakes/volcanoes)
      b. Erosion activity (rivers, glaciers)
      c. What kind of rocks and minerals can we find in your park?
      d. What environmental factors are affecting the park (air, water, soil pollution)?
      e. What watersheds are found in the park?
   5. History- How did it become a national park and why?
   6. What kind of recreational activities occur in your park?
   7. What kind of biological activity occurs in the park?
   8. Tourist information…
   9. Two news articles where your park made the news
   10. Remember you are marketing the park, what makes your park special?
7. The presentation is to be 7-10 minutes in length. The paper and presentation should have originality of thought and synthesis of information from multiple sources, as well as elegance and clarity of expression. Please dress professionally. I do not want you to read in front of the class from note cards, what are the keys to an effective presentation?
8. This project will be used in place of a final exam, it is very important that you take the time to prepare a good product as you would for any test. If you have any questions, please see me.

9. Please see the other side for a rubric of how you will be assessed. Please do not lose this paper it will be turned in with your paper and presentation.

National Parks Final Project   **Name** _____

National Park:_____

Research Essay (Content) ____/20	Essay is free of grammatical errors, answers all components effectively (20)	Essay has 1-2 grammatical errors, answers most components effectively (15)	Essay has 2-4 grammatical errors, answers some components effectively (10)	Essay has many errors, answers few components effectively (5)	Did not turn in research essay (0)
Research Essay (Format) ____/5	Followed correct format and correct length (5)	Followed most of formatting requirements and close to correct length (4)	Followed some of the formatting requirements, paper is less than 500 words (3)	Did not follow most formatting requirement, paper is less than 350 words (2)	No paper (0)
Bibliography _____/5	Followed proper MLA format, multiple sources (over 5) (5)	Followed most MLA format with some errors, multiple sources (over 5) (4)	Did not follow MLA format, (2-4) few sources (3)	Only 1-2 sources, no regard for MLA format (1-2 sources) (2)	No bibliography (0)
Presentation ____/40	Keeps audiences attention, references sources, addresses all components (40)	References sources, some reading, addresses most components(30)	Does not reference sources, a lot of reading, no eye contact, answers half of components(20)	Incoherent, does not show evidence of any knowledge of park (10)	No presentation (0)
Visuals ____/20	Outstanding quality, very engaging, readily usable for classroom instruction, dress prof.(20)	Less than outstanding quality, less clear, partly usable for classroom instruction, dressed semi. prof. (15)	Poor visuals, dull, unusable for classroom instruction, an attempt to dress prof.(10)	Little or no effort evident, no concern for visual rules, not dressed professionally (5)	No visual (0)
Defense ____/10	Evidence of advanced learning in project (10)	Some evidence of advanced learning (8)	Responses during defense unclear. (5)	Defense incoherent (3)	No response during defense (0)

Total: _____					