

# Geologic Time Project

You work for an advertising agency. Your company has just won a contract with an unusual client. Most travel agencies sell vacations in space --that is, you move from one place to another, spend some time there and then come home. Your client is different because they sell vacations in time - vacationers stay in the same space but travel back in time, enjoy (hopefully) some space there and then come home.

## The Task

Your job is to develop a brief Google Slides presentation OR paper brochure showing people what their vacation destination will entail. Choose a geologic era. Your slides or brochure must include information that answers the following questions:

- What era is that part of? (When is the vacationer going?)
- What era comes before and after yours?
- What makes your era unique (How will they know they are there?)
- What major events in geologic history occurred during this era? (What are the major attractions of the time?)
- Describe the animal life or dominant life forms during this era? Include at least 3 animals/life forms in your description. (What is the wildlife like? Is the visitor likely to eat or be eaten?)
- Describe the plant life during this period? Include at least 2 plants in your description (Any vegetarian meals on the menu?)
- What was the climate like? (What should the traveler pack?)
- What is the time range?

**Resources** (Use the links below to get your information. Your book and other classroom reference material will be useful too. Be sure to document all sources! Don't lose points on this.)

- The Geologic Time Machine (<https://ucmp.berkeley.edu/help/timeform.html>) links the periods to good descriptions and graphics for each time period.
- US Geological Survey's The Geologic Time Scale ([vulcan.wr.usgs.gov/Glossary/geo\\_time\\_scale.html](http://vulcan.wr.usgs.gov/Glossary/geo_time_scale.html)) gives brief descriptions of each period.
- Artist Douglas Henderson has created some illustrations of various geologic time periods.
- The Paleomap Project (<http://www.scotese.com/Default.htm>) has some great maps (of course) as well as some good information.
- The Geologic Timescale (<http://www.enchantedlearning.com/subjects/Geologictime.html>) offers a good chart and details about each time period.

- If your time period includes dinosaurs, <https://www.nhm.ac.uk/discover/dino-directory.html> may be for you.
- Check for extinctions during your time period at [Mass Extinction Events](#)

### **The Process**

1. Use the resources listed above to research your time period.
2. Answer the questions below as completely as possible in the time you have available.
3. Use the information you have gathered to make a Google Slides presentation OR brochure
4. Your final product must answer all the questions asked in the task section above.
5. Your presentation must be at least at **least 6 slides in length** or 1 full page front and back (divided into 6 sections), fully colored and neat
6. The presentation must include at least 4 pictures appropriate for your time period.
7. Be careful of the use of color and font. You will be graded on the ease of reading your slides/brochure
8. Last slide/brochure section must list your resources in correct format (Use [MLA Guide](#))

### **Grading**

Check to make sure you have all of the following, and remember- be creative! This is supposed to be like a travel commercial/brochure!

**Format/Creativity:** /3 points  
**Era/Era Before + After:** /2 points  
**Major Events:** /2 points  
**3 Animal/Life forms:** /3 points  
**2 plants described:** /2 points  
**Climate:** /2 points  
**Time Range:** /2 points  
**At least 4 pictures:** /2 points  
**Bibliography has a least 3 sites:** /2 points

TOTAL = /20 points

**DUE at the END of Unit 3: Friday  
Oct. 21**

### Information to Find During the Research Phase

1. What is the actual time period you are researching?  
Time Era: \_\_\_\_\_  
Time Range: \_\_\_\_\_ to \_\_\_\_\_  
Previous Geologic era: \_\_\_\_\_  
Following Geologic era: \_\_\_\_\_
2. Describe the major climate during your time era. Climate mainly includes average temperatures and amount of precipitation, but could also include the presence (or absence of seasons), ice ages, etc.
3. Describe some of the main geologic events occurring during this geologic period. This would include formation of mountains, opening of oceans, crunching continents, volcanic activity, major deposition of sediments, major structures eroded, etc.
4. Describe the position of the continents during this period. Where was our region with respect to the equator?
5. What types of animals lived during this geologic era?
6. What are the major types of plants that lived during your era?