

Geologic Time Final Project

8-1 Earth Science

Due: Friday, May 29, 2015 (2 weeks) – no late work accepted! **Points:** 50 summative (“heavy” grade)

Task: Most travel agencies offer vacations in SPACE (different locations around the world), your travel agency is different and offers vacations in **TIME!** Create a travel brochure detailing one time period from the Geologic Time Scale, convincing folks to visit!

Instructions:

- Read Chapter 4.4: The Geologic Time Scale (pgs 127-129) and Chapter 4.6: Eras of Earth’s History (pgs 134-145).
- Choose one time period from the following list for your travel brochure: Cambrian, Ordovician, Silurian, Devonian, Carboniferous, Permian, Triassic, Jurassic, Cretaceous, Tertiary, or Quaternary.
- Your travel brochure should be a double-sided 8.5” x 11” paper (standard computer paper) in a tri-fold (6 panels front/back). It must include:
 - PANELS 1 & 2
 - Name of assigned time PERIOD.
 - When did your time period start and end?
 - What ERA and EON did your time period occur in?
 - What major EPOCHS occur in your time period?
 - Include at least one picture (overview)
 - What makes your time period unique?
 - PANELS 3 & 4
 - What major events in geologic history occurred during your time period? (*formation of mountains, oceans, continents, volcanic activity, erosion, etc*)
 - Include a picture of how the continents looked during your period.
 - Describe what the climate was like – temperatures, precipitation, ice ages (*what should a traveler pack?*)
 - PANELS 5 & 6
 - What animals, or other life forms, lived during this time (at least four organisms)? Is the traveler likely to eat or be eaten?
 - What plant life lived during this time (at least 2 organisms)?
 - Include pictures of your organisms.
 - What organisms disappeared during this time?
 - On the back panel, include your full MLA heading information (name, teacher, class/period, date)
- **Possible Sources:**
 - <http://www.ucmp.berkeley.edu/help/timeformold.html>
 - <http://www.enchantedlearning.com/subjects/Geologictime.html>
 - <http://science.nationalgeographic.com/science/prehistoric-world/prehistoric-time-line/>
 - <http://www.pbs.org/wgbh/nova/evolution/brief-history-life.html>
 - <http://www.ucmp.berkeley.edu/education/explorations/tours/geotime/gtpage1.html>
 - <http://geo.msu.edu/extra/geogmich/Precambrian.html>
 - <http://archive.fieldmuseum.org/evolvingplanet/index.html>
 - <http://jan.ucc.nau.edu/rcb7/mollglobe.html>
 - http://jan.ucc.nau.edu/rcb7/540_Camb_2globes.jpg
 - <http://pubs.usgs.gov/fs/2007/3015/>
 - <http://www.scotese.com/Default.htm>
 - <http://hannover.park.org/Canada/Museum/extinction/minorextin.html>