

GEOLOGIC TIME PROJECT INTRODUCTION

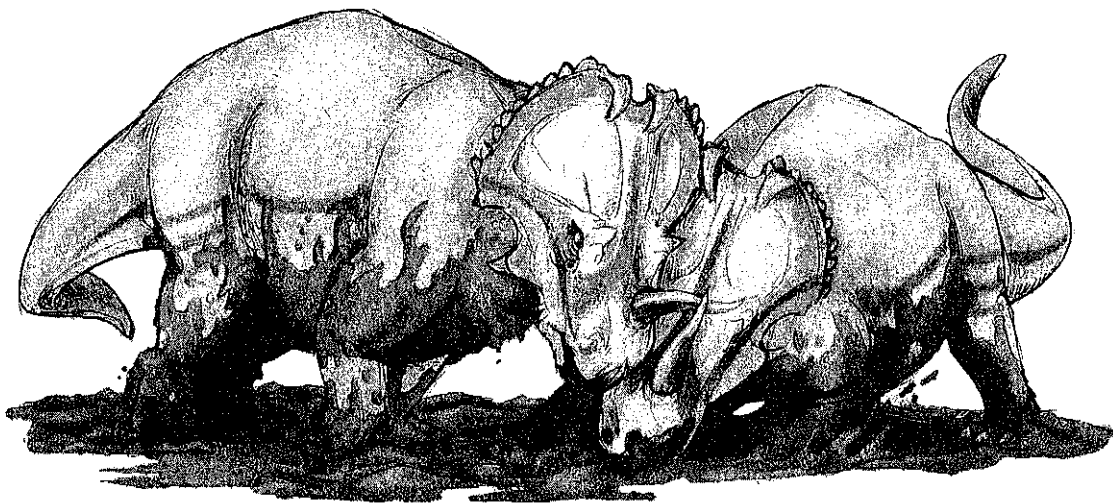
The geologic time scale is a representation of the Earth's history. It organizes Earth's history by major changes or events that occurred, using evidence from the fossil and geologic records. The time scale is divided into periods based on the order in which different groups of rocks and fossils were formed.

You work for an advertising agency and you have just won a contract with a very 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 some time there and then come home.

The Task: As a geologic time expert within the Ad agency, you will need research a specific time era, complete a data sheet to share with your client, and create an interactive artifact that accurately illustrates that era of the Earth's history. You will present your interactive artifact to the class.

Ideas for interactive artifacts:

- Some form of presentation: Prezi, Slides, Sway
- Create a commercial or jingle for your era that can be shown to your client
- Create an interactive poster with flaps that could be opened
- Create a scrapbook with pictures that would make people want to visit your era



GEOLOGIC TIME PROJECT RUBRIC

Indicators	Master (4)	Expert (3)	Apprentice (2)	Rookie (1)	Not complete (0)
Ideas	Ideas are easy to understand and well developed.	Ideas are clear and easy to understand.	Ideas are somewhat unclear and need some explanation.	Ideas are hard to understand and often confusing	Not completed
Information	All topics are addressed, information is complete and goes beyond task. No factual errors. Data sheet is completed.	All topics are addressed and information is complete. No factual errors. Data Sheet is completed.	All topics are addressed, but information is limited and/or there are 1-2 factual errors. Data Sheet is completed.	All topics are not addressed and information is missing and/or there are more than two factual errors. Data Sheet is partially completed.	Not completed
Quality	Final product is complete and accurate. It contains added elements that enhance the overall project.	Final product is complete and accurate. It is visually appealing.	Final product is complete but limited in detail and effort.	Final product is incomplete, missing key parts or lacking effort.	Not completed
Originality	Product shows a large amount of original thought. Ideas are creative.	Product shows some original ideas and new insights.	Product uses basic information and does not draw on own conclusions.	Work is not original. Credit is not given and only basic recall of information is listed.	Not completed

TOTAL _____ /16

Name: _____

GEOLOGIC TIME Mini-project Data Sheet

Information to Find During the Research Phase

1. What is the actual time era you are researching?

Time Era: _____

Time Range: _____ to _____

Previous Geologic era: _____

Following Geologic era: _____

Name the different periods your era is divided into - in your final product you probably want to have the major events that occurred during those periods:

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?

Other facts you would like to share:

Sources of information:
