**Biography of the Earth Mini – Project**

For this mini-project, you will be creating a Biography of the Earth Book or Slideshow Presentation. Each page or slide of your project will contain: 1.) an overall description of the specific time period and date it is representing, 2.) the major life events and description of the landforms at this time, and 3.) a picture or drawing that represents that specific time period. The biography will be based on the typical human life-cycle, and will contain all of the following aspects:

1.) Create a title page or slide with the title, “Biography of the Earth Mini-Project” by “Your Name”.

2.) **Birth (Accretion):** Identify and explain how the Earth was created, as well as its sibling, the Moon. Create a visual representation that goes along with this time period of the Earth.

3.) **Toddler (Hadean Eon):** Identify and explain what conditions were like on the early Earth, and why life did not exist at this time. Create a visual representation that goes along with this time period of the Earth.

4.) **Early Childhood (Archean Eon):** Identify and explain what conditions were like during this time period on Earth, and be sure to explain why the formation of an **atmosphere** was so important. Create a visual representation that goes along with this time period of the Earth.

5.) **Adolescence - Teenage Years (Proterozoic Eon):** Identify and explain what conditions were like during this time period on Earth, and explain what things were beginning to form on Earth (i.e., the earliest life forms). Create a visual representation that goes along with this time period of the Earth.

6.) **20s & 30s - Settling Down and Having Children (Paleozoic Era):** Identify and explain what conditions were like during this time period on Earth, and explain what life and landforms looked like at this point. Create a visual representation that goes along with this time period of the Earth.

7.) **40s & 50s – Mid-Life Crisis/Mass Extinction (Mesozoic Era):** Identify and explain what conditions were like during this time period on Earth, and explain how changes to the land forms and other cosmic events impacted the Earth. Create a visual representation that goes along with this time period of the Earth.

8.) **60s & 70s – Retirement (Cenozoic Era):** Identify and explain what conditions were like during this time period on Earth, and explain what life and landforms looked like during this time period. Create a visual representation that goes along with this time period of the Earth.

9.) **80s & Beyond – Old Age (The Anthropocene Era):** Given what we know is currently happening to the Earth today, speculate what the Earth may look like in 100 or even 1000 years, and explain why you think this. Create a visual representation that goes along with this time period of the Earth.

10.) Be sure that Mini-Project is neatly done and contains plenty of bright, bold color.

To further help you with this project, use the following website to help you gather additional information beyond what you have learned in class:

<http://paleobiology.si.edu/geotime/main/>

[www.ucmp.berkeley.edu/help/timeform.php](http://www.ucmp.berkeley.edu/help/timeform.php)

**Biography of the Earth Mini – Project Rubric**

Power Standard 2: Evidence

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| --- | --- | --- | --- |
| **Beginning (1)** | **Approaching (2)** | **Meeting (3)** | **Exceeding (4)** |
| **I can:** A. Define cause and effect.B. Give an example of cause and effect with help from the teacher. C. I can identify a change over time in one of the four disciplines with help from the teacher. | **I can:** A. Define cause and effect and give an example from one of the four disciplines. B. I can explain how the relationship between the cause and effect has impacted the past/present (with guidance). C. I can analyze how 1 or more of the disciplines stay the same and/or change over time for the period studied (with guidance). | **I can:** A. Define cause and effect and give an example from two of the four disciplines. B. Explain how the relationship between the cause and effect has impacted the past/present.C. Analyze how 1 or more of the disciplines stay the same and/or change over the time for the period studied. | **I can:** A. Define cause and effect and give an example from three of the four disciplines . B. Explain in detail how the relationship between the cause and effect has impacted the past/present. C. Analyze how 2 or more of the disciplines stay the same and/or change over time for the period studied, and show how, with guidance, it impacts people’s lives today. |