

## **Project: Geologic Time Scale Analogy**

### Biology B

Your task in this project is to work in pairs to create an analogy that helps us (and you) wrap our brains around the nearly incomprehensible span of time that represents the entire history of the Earth.

You will map out significant Biological, Geological and Atmospheric events in your project to convey a sense of how long ago these events happened relative to other events. You will likely be surprised by how “recently” certain events happened relative to the entire history of the planet.

Grading Rubric: Total points possible = 40

F = 0 points

No project submitted.

D = 24 – 27 points

A project was attempted but does not accurately depict the events of Earth’s 4600 million-year history.

Or, a “C” project was attempted but is inaccurate or has poor workmanship.

C = 28 – 31 points

An analogy of 1 meter was selected to depict the 4600 million years of Earth’s history and completed on a length of cash register tape (teacher provided). The placement of events is accurate and complete and the final product shows good workmanship.

Or, a “B” project was attempted but is inaccurate or has poor workmanship.

B = 32-35 points

An analogy of 1 meter was selected to depict the 4600 million years of Earth’s history and completed on a large sheet of butcher paper (teacher provided). Illustrations of selected events are added to make the project interesting and attractive. The placement of events is accurate and complete and the final product shows good workmanship.

Or, an “A” project was attempted but is inaccurate or has poor workmanship.

A = 36 – 40 points

An analogy *other than* 1 meter was selected to depict the 4600 million years of Earth’s history and completed on the media of your choosing. *The analogy that was chosen is something familiar enough to the general public that it helps us to wrap our brains around the nearly incomprehensible span of time that represents the entire history of the Earth.* The placement of events is complete and accurate and the final product shows good workmanship.