



# GEOLOGIC TIME SCALE

## High School

### DESCRIPTION

Students travel through geologic time in the Fossil Gallery beginning with the formation of planet earth then moving through the various eras of prehistoric life to the present, observing the evolutionary changes in species of fossilized life. The concept of the relatively short amount of time that living things have been present on planet earth are driven home as the students physically model the time line in the gallery and then play a unique geologic time game in the lab. Program will run for two hours.

#### 30 MINUTES – GALLERY TIME

- Travel through geologic time.
- Discuss geologic time periods and the creatures that lived during that time.
- Major events that scientist believed occurred to cause mass extinctions.
- Geologic time rope activity to emphasize the brief period of time of life.

#### 30 MINUTES - LAB

- Define and identify the various divisions on a geologic time scale, eon, era, etc. using original "Go Dig" cards.
- Game of "Geo-pardy".

#### 30 MINUTES

- Fossil Dig and Careers in Paleontology information

#### 30 MINUTES

- Store, Foucault Pendulum & Apatosaurus

#### TAKE HOME ITEMS

- Three genuine Fossils from the Fossil Dig