



# PLATE TECTONICS

## 5th, 6th and High School Grades

### DESCRIPTION

The Earth's crust is continually shifting, crashing, and spreading, creating various geologic happenings. In this exploration, come learn more about our restless earth. Program will run for 2 hours.

#### 30 MINUTES – GALLERY TIME

- Observe planet Earth and how it is constructed from tectonic plates
- Learn about how plate tectonics shaped Georgia in the past

#### 30 MINUTES

- Visit the Museum Store

#### 30 MINUTES

- Gem Panning and Careers in Geology

#### 30 MINUTES - LAB

- Study plate movement from Pangaea to 50 million years into the future
- Discuss how planet Earth's crust is divided into numerous plates that move
- Students will understand through various manipulatives: plate movement, subduction zones, rift valleys, convergent, divergent, transform boundaries and hot spots

#### TAKE HOME ITEMS

- Keep the gemstones found in Gem Panning

REVISED 07.26.21