



## Investigation 5:

# Earthquakes, Volcanoes, and Mountains



Before you begin, first think about this key question.

**How are earthquakes, volcanoes, and mountains related?**

In **Investigation 2** you discovered how earthquakes helped shed light on what is inside the Earth. You also found that earthquakes and volcanoes occur along subduction zones. Is that the only place that you find earthquakes and volcanoes? What makes them happen? How are mountains related to earthquakes and volcanoes?

Share your thinking with others in your group and with your class. Keep a record of the discussion in your journal.



## Investigate

1. Discuss the following questions in your group. Be sure to explain your answers. Record the results of your discussion in your journal.

### Materials Needed

For this investigation your group will need:

- colored pencils (3 different colors)
- copy of a world map