

Earthquakes & Volcanoes

Name _____

Visit the sites listed on the [Earth Science page](#) of the [Kid Zone!](#)
Go to <http://sciencespot.net/> and click the Kid Zone graphic!

Earthquakes For Kids (USGS)

1. Have we had any earthquakes in our region? HINT: Go to the "Did You Feel It?" section and click our state. List earthquakes by date, location, and magnitude!
2. Search the "Cool Earthquake Facts" area to find the answers to these questions.
 - (1) What was the largest earthquake in the U.S.? When, where, and what magnitude?
 - (2) What are moonquakes?
 - (3) What is a seiche?
 - (4) True or False? The San Andreas Fault is a single-continuous fault line that is more than 1300 km (800 miles) long, and in some spots is as much as 16 km (10 miles) deep.
 - (5) Which two states have the fewest earthquakes?

Roots of a Volcano

Go to the "Anatomy of a Volcano" area to answer these questions. Click the "Next" button at the top to move to the next slide.

1. Where does the molten rock, or magma, that is erupted come from?
2. How many active volcanoes are on Earth? Where are most of them located?
3. What plates surround the Pacific plate?
4. What happens at a subduction zone?

Close the interactive window and read through the article on the main page to answer these questions.

5. How many volcanoes are erupting every day?
6. How many active (or potentially active) volcanoes are in the United States? _____ Where are they located? List them below and provide numbers for each area.