

Volcano and Earthquake Webquest

TASK 1: Go to <http://earthquake.usgs.gov/learn/kids>

1. Click on "Become an earthquake scientist." Read this and then list five things a geophysicist does:

- a)
- b)
- c)
- d)
- e)

2. Go back a page by clicking on the back arrow button. Then click on "Today in Earthquake History." Read about an earthquake that occurred on today's date in history.

Place: _____ Year: _____

What happened? _____

Now find out what happened in Earthquake History on your birthday.

Place: _____ Year: _____ What happened? _____

3. Click the back arrow button again. This time click on "Latest Quakes". When and where did the last earthquake occur? _____

What was it's rating on the Richter Scale? _____

TASK 2: Go to <http://www.odsn.de/odsn/services/paleomap/animation.html>

Watch the plate tectonic animation. The large land mass that is at time zero is referred to as Pangaea. Watch it change through time.

3. What happened to Pangaea between the beginning of the simulation and present time?

4. Note the red lines. What do you suppose these represent? _____

TASK 3: Go to http://www.nbcnews.com/id/42029974/ns/world_news-asia_pacific/t/top-deadliest-earthquakes-history/#.WCJEtkOdSU

5. Read about the most deadly earthquake in history. When did it occur? _____

Where? _____ How many people were killed? _____

What was it's score on the Richter scale? _____

6. Read about the 5th deadliest earthquake. When did it occur? _____ What did it score on the Richter Scale? _____ How many people were killed? _____ Where did it take place? _____

