

E·A·R·T·H·Q·U·A·K·E·S W·E·B·Q·U·E·S·T

Name: _____

Part 1: [Earthquakes USGS](http://earthquake.usgs.gov/learn/kids/eqscience.php) <http://earthquake.usgs.gov/learn/kids/eqscience.php>

1. What is an earthquake?
2. What is a foreshock?
3. What is a main shock?
4. What is an aftershock?
5. What causes earthquakes and where do they happen?
6. Why does the earth shake when there is an earthquake?
7. How are earthquakes recorded?
8. How do scientists measure the size of earthquakes?
9. Describe P waves.
10. Describe S waves.
11. How can scientists tell where the earthquake happened?
12. Can scientists predict earthquakes?

Part 2: [Geography4Kids Faulting](http://www.geography4kids.com/files/earth_faulting.html) http://www.geography4kids.com/files/earth_faulting.html

1. What happens when two plates meet?
2. Describe folding.
3. Describe faulting.
4. What are dip slips?
5. What does your textbook call dip slips?
6. What is a strike slip?

Part 3: [Geography4Kids Earthquakes](http://www.geography4kids.com/files/earth_earthquake.html) http://www.geography4kids.com/files/earth_earthquake.html

1. What causes the Ground to move?
2. What can earthquakes do to change the landscape?
3. Why can we feel earthquakes hundreds of miles away?
4. What are seismic waves?
5. What is the epicenter?
6. What is the focus?

Now take the "quiz on earthquakes" (click on green box at bottom of page).

Part 4: [Checking Current Earthquakes](http://earthquake.usgs.gov) <http://earthquake.usgs.gov>

1. You will click on the above link "Checking Current Earthquakes,"
2. Then click on the "Latest Earthquakes" Map.
3. On the left side you will see a list of the latest earthquakes in the world that have been 2.5 magnitude or higher
4. How many earthquakes have occurred around the world TODAY?
5. Zoom out on the map and see where these earthquakes have taken place (orange dots). Where have most taken place?
6. Where was the most recent earthquake in the United States?



Using the USGS website, mark all of the earthquakes that occurred in the United States today with a colored circle.