

6. In describing which is the lower wall and which is the upper wall in a fault zone, what words are given to describe these features.

7. Draw and describe three types of plate boundaries. In each one, show and describe where the earthquakes would occur.

8. What is a compression and dilations?

9. What factors determine the speed of an earthquake wave?

10. What is liquefaction and what causes it?

11. What can be done to minimize liquefaction?

12. What is the Richter Scale and how was it created?

13. What is the difference in energy release between a magnitude 5 vs a magnitude 6 earthquake?

27. How many earthquakes occur a day and what are our chances of having an earthquake?
28. What is Oregon's future of having a devastating earthquake? Where would it occur, what sort of effects could happen to our state, and what timeline would we expect this to happen?
29. How do you tell if an earthquake is a right-lateral or left-lateral strike slip fault?
30. Describe the steps to locate an earthquake? What is this called? Once an earthquake is located, how do you determine its magnitude? If you need practice I suggest going to the website <http://www.sciencecourseware.org/VirtualEarthquake/VQuakeExecute.html> and practicing on one of the online labs.
31. What is an extension, compression and transform fault? Draw examples of each.