Plate Tectonics Webquest

Go to: <https://www.learner.org/interactives/dynamicearth/index.html>

1. Describe the layers of the earth.
2. What is the plate tectonics theory?
3. What evidence supports the theory?
4. Describe the 3 types of plate boundaries. Include where they are found and what features you will find there. Make sure to click on Slip, Slide, & Collide
5. Play the Plate Interactions Challenge
6. Take the test

Go to: <http://ds.iris.edu/seismon/>

1. Explore the map. Where are earthquakes happening today?

Go to: <http://pubs.usgs.gov/gip/dynamic/dynamic.html> Click through the lessons.

1. What do we call the region where frequent earthquakes and volcanoes occur? Where is it?
2. How are islands like Hawaii formed?

Go to: <http://whyfiles.org/2011/tsunami-the-killer-wave/>

1. What is a tsunami? Why is tidal wave an incorrect term?

Go to: [www.learner.org/interactives/rockcycle/](http://www.learner.org/interactives/rockcycle/)

1. Draw the rock cycle. Things to think about: How is soil made? Why are there different types of soil in different places of the US and world?