**Computer Lab Layers of the Earth**

*Get a sheet of paper out and number it from 1-12. You will need to skip lines! This will be turned in at the end of class*

Go to the blog and go to science resources. Click on the textbook.

**Username: period1214**

**Password: period12**

Click on the *‘Go to the interactive online edition’* link to the right hand side of your screen

Click on the 1st dropdown menu that will say Select a unit or chapter. When you click on the dropdown, select ‘Chapter 7: Plate Tectonics’ and press GO!

Here is where you will start your assignment.

First, click on “Structure of the Earth” under the Section 1: Inside the Earth.

1. What is the lithosphere?
2. What is the asthenosphere?
3. Where is the asthenosphere in comparison to the lithosphere?
4. A tectonic plate is also known as a what?
5. Which plate is located to the left of the North American Plate?
6. Why is this important when discussing California?
7. What is the difference in the location of continental crust and oceanic crust?
8. What are seismic waves?

Click on the lab video ‘Convection Connection’ and answer the questions below

1. What is happening to the craft sticks in the lab video?
2. What is happening to the food coloring?
3. What do you think the temperature of the water is in the middle of the pan? Why?
4. What do you think the temperature of the water is at the ends of the pan? Why?

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Once you are done, check StudentVue to see if you have any missing assignments. If you do, complete them now!

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Now, go to the blog and click on the on first link. Take the quiz on layers of the earth at least three times and one of those times you MUST get to $1,000,000!

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Lastly, you may go to legends of learning by typing in login.legendsoflearning.com entering: DUDEK as your teacher code. If this is your first time, you may need to create a username and password