**Webquest Year 9 Continental Drift and Plates**

***Go to Google and Type in “BBC changes to the earth and its atmosphere”. Select the earths crust activity. This will take a long time to load so open a new window and continue on with the rest of this webquest.***

***Go to Google and type in “BBC changes to the earth and its atmosphere”. Select the first option. Select the earths crust revise. Go through each page by pressing next to answer the following questions.***

Draw a 2D diagram of the earth and label the layers.

What are tectonic plates?

Do tectonic plates move? If so how far each year do they move and how do they move?

Who came up with the theory of continental drift?

What is happening to the continents in the small “slide show” of the Earth? **HINT: You have to click 1, 2 and 3 on the slide show to see the changes.**

**WELL DONE PART 1 COMPLETE ☺**

***Go to Google and type in “Brain Pop Plate tectonics”. Select the first option. Click where it says to play the movie.***

Use the movie to answer the following questions.

1. What is Pangaea?

1. How long ago do scientists think Pangaea existed?

1. Explain the process that we call continental drift?

1. What are four examples of things that happen at plate boundaries?
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1. What are two pieces of evidence that helps explain the theory of continental drift? **HINT: Click on FYI and then click on flora and fauna.**
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**WELL DONE PART 2 COMPLETE ☺**

**Return to your original window and complete the tectonic plate activity. This may help you fill in any gaps you haven’t already answered above. Answer the following questions.**

What makes the plates of the earth move?

How long did it take for Alfred Wegener’s theory of continental drift to be accepted?

**Answer the questions at the end of the activity- :)**

**WELL DONE PART 3 COMPLETE ☺**