

Dear Mr. President Bush:

My 8th grade class has studied about earthquakes. They have seemed very interesting to our class. We learned about oceanic crust, and the average size of continental crust. The oceanic crust is about 10 km thick, and about 70 to 100 years old. The plates are made out of rocks and drift over the globe. They move both vertically and horizontally. There are four types of movement: divergent, convergent, and lateral slipping. The fossil evidence proves that a bridge existed between South Africa, Australia, and Antarctica. There are four types of boundaries: transform, convergent, divergent, and plate boundaries zones.

Volcanoes occur between oceanic and continental plates in the deepest segment of the subsection. The average rate of the movement is 2.5 cm/yr. and 15 cm/yr.

I think that from all this information that I found it should tell you how dangerous these earthquakes are. The two places that get a lot of destruction from these earthquakes are California and Mexico. Arizona offered them our help by sending them food, clothes, and shelter.

Sincerely,

Ana