Name: _____ Date: _____ Period: _____

SC.7.E.6.5 Plate Tectonics You Do

1. Michael and Jose are studying about plate tectonics. They learned that plates usually move a few centimeters every year. They learned that the movement of heated material caused the plates to move. In which layer does the heated material move?

   A. Inner Core

   B. Outer Core

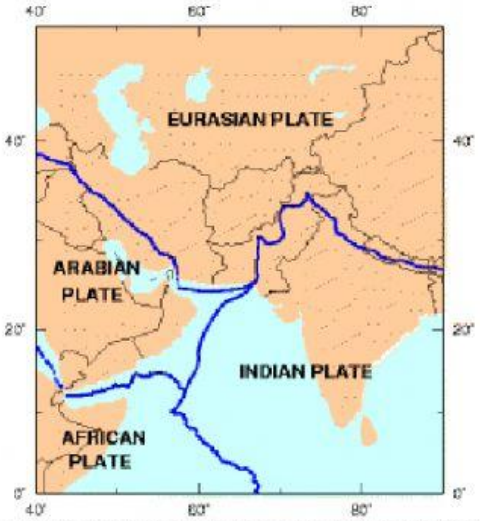
   C. Mantle

   D. Crust

2. The Atlantic Ocean is growing in size by about one centimeter per year. How does an ocean become larger?

   a) Oceanic plates are moving apart.
   b) The density of the oceanic plates is decreasing
   c) Increased air temperatures are increasing evaporation.
   d) Trenches are formed by oceanic plates sliding under continental plates.

3. In some places on Earth, large tectonic plates are moving toward each other and collide with great force. One such place is where the Indian plate and the Eurasian plate meet.



What would you expect to occur where these two tectonic plates collide?

   a) Only volcanoes
   b) Only earthquakes
   c) A rift valley and volcanoes
   d) Mountains and earthquakes