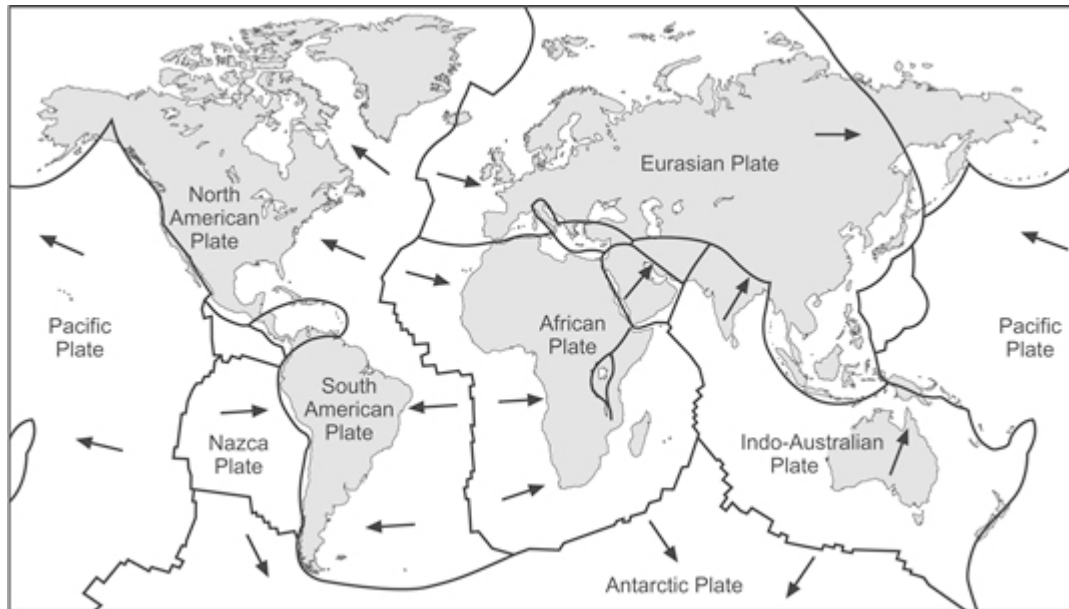


Plate Tectonics Exercise 2.

How far will your plate move?

The United Kingdom is on the Eurasian Plate, which moves at around 3 cm per year. This is about as fast as your fingernails grow!



Question 1: Which direction is the Eurasian Plate moving?

Question 2: If the plate is moving at 3 cm per year, how far will it have moved in the next 100 (one hundred) years? The next 1,000 (one thousand) years? The next 1,000,000 (one million) years? The next 1,000,000,000 (one billion) years?



Question 3: Look at the map (left and below). Locate the area your school is in. At the current rate of movement how far will your school have travelled in 10,000,000 (ten million) years? Where would this be on the map today? (*Use the scales provided on the maps*)

