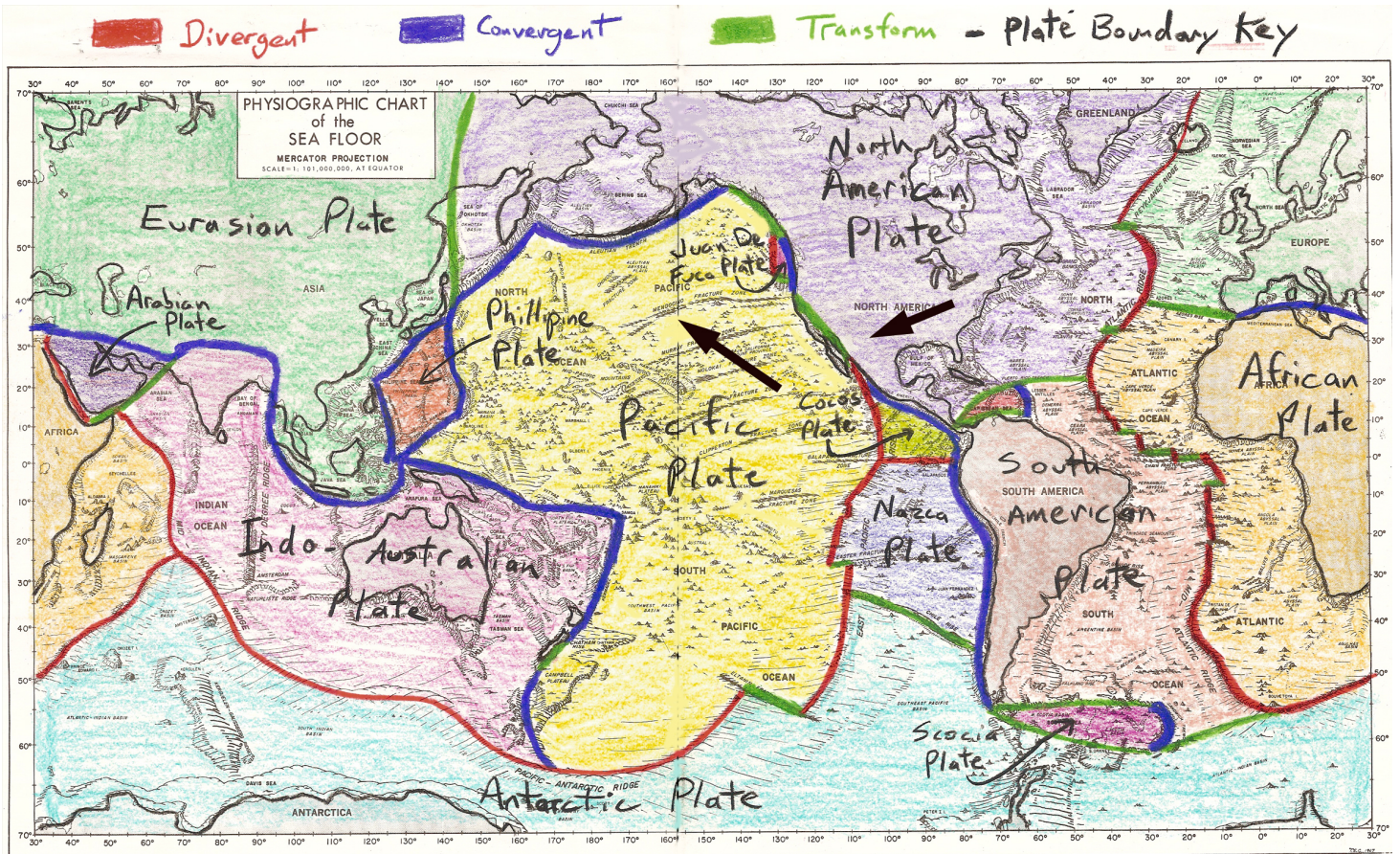


Plate Tectonics Lab - Hand-drawn Plate Map



The Moving Tectonic Plates and their Dynamic Boundaries

This part of the lab studies the position, motions and boundary-type of Earth's tectonic plates, and associated faulting and earthquake. In this part of the lab you will: 1) Become familiar with the global positions of the major tectonic plates; 2) Evaluate the types of stress and associated faults of each of the three types of plate boundaries; and 3) measure and evaluate plate motions.

Directions: Illustrate the major plate tectonic boundaries (World map provided in lab)

- 1) Draw in the three different plate boundaries found worldwide according to the three major boundary types.
- 2) Draw and label each of three boundary types with a different color (red, blue, and green)
- 3) Label (by name) each of the major tectonic plates – 14 plates total
- 4) Draw motion arrows to show the relative motion of the Pacific and North American Plates