
Plate Tectonics – Geol 113

Goals: To gain an understanding of how plate tectonics works, including why magma forms at mid-ocean ridges, what forces drive the movement of tectonic plates and how plate movement can be tracked using the volcanic traces left when the plate passes over a hot spot.

Before Lab: Read pp 30-31 and 35-46 in your laboratory manual and review all diagrams in Laboratory 2.

Materials: Laboratory manual, lava lamp, colored pencils.

Procedure: Complete exercises 1, 5-7, 9-11, 15-17, 19.

