



Workshop Agenda
Plate Tectonics
10/1/07

General/Introduction

1. Writing Good In/Out Questions
Practice/Share/Analyze

Layers of Earth

1. Clay Earth Model with Data Table
2. Fluid Density - oil, water, corn syrup
3. Earth Layers - Graphing Temperature/Depth on Excel (computer lab)

Convection/Simulations and Observations

1. [Convection animation](#) - Writing Observations
2. [Convection Part 2](#) - Writing Observations
3. [Thinking Map](#) - Double Bubble Convection Models

Plate Tectonic Movements

1. Seafloor Spreading (Hands - On)
2. Plate Boundary Interactions with Clay Models (Hands - On)

Plate Tectonic Websites/Simulations

1. [PBS Plate Tectonic Activities](#)
2. [Fault Animations](#)
3. [Pangea Re-creation](#)
- 4.
- 5.

Results of Plate Tectonic Movements

6. Earthquake Map of Nevada - Graphing on Excel X
7. [Seismic Center - Module](#)