

## **Earth / Physical Science : Plate Tectonics Outline**

<b><u>Day</u></b>	<b><u>Subject / Activity</u></b>
1	Continental Drift <b>LAB :</b> What Evidence Supports The Existence Of Pangaea?
2	Sea-Floor Spreading <b>LAB : Modeling Sea-Floor Spreading</b> or Plates On The Move & Features Of The Ocean Floor
3	Theory Of Plates Tectonics <b><u>Assign Project</u> : Earthquake/Volcano PowerPoint / Project Work Day</b>
4	<b>Mythbusters : Earthquake Machine / (<i>HS-ESS-1-5</i>)</b> <b>LAB :</b> The Shell Of The Earth or Layers Of The Earth Pizza or Plate Tectonics (pHet Simulation)
5	Features Of Earthquakes <b>LAB : Finding The Epicenter</b> or How Do Seismograph Stations Determine Epicenter?
6	People & Earthquakes <b>LAB : Engineering An Earthquake Resistant Building / (<i>HS-ESS-2-1</i>)</b> or Waves & Tsunamis
7	Volcanoes & Moving Plates <b>LAB : Gelatin Volcanoes</b> (Set for at least 2 days) or Where Do Most Quakes & Volcanoes Occur?
8	Types Of Volcanoes <b>LAB : Gas Production In Magma / (<i>HS-ESS-2-3</i>)</b> or How Does Magma Composition Affect Eruptions?