**Earth Science**

*Unit 11: Plate Tectonics / Earthquakes and Volcanoes*

**2-29 Intro to PT Theory**

* Overview
* Notes: Beginnings of PTT
* **HW: ESWS 11A, CM: Key Terms PT**

**3-2 Evidence for the PT Theory**

* Correct HW
* RIT WS – pp 468 – 472 (15 min)
* Notes: PTT Evidences
* **HW: Evidences of PTT Essay**

**3-3 Evidence for the PT Theory**

* Peer Review of Essay
* Activity: ESLA: Interpreting and Isochron Map
* **HW: Finish Activity Questions**

**3-4 Seafloor Spreading**

* Correct HW
* Quiz
* Notes: Evidence for Seafloor spreading.
* **HW: EN Studying SFS on Land, Start Geo Lab**

**Start Final copy of Essay – due Monday.**

**3-7 Seafloor Spreading**

* Correct Lab / Discuss
* Lab: Seafloor Spreading Rates
* **HW: Finish Activity Questions**
* **Project Intro: Sciencia**

**3-8 Plate Boundaries**

* Correct SFS lab
* Quiz
* Notes: Tectonic Plate Boundaries
* Activity: Predicting Consequences of Plate Boundaries.
* **HW: RI Theory of PT / Finish Activity**

**3-9 Project Work Day**

* Correct HW
* Work on Sciencia Project

**3-10 Earthquakes**

* Reading Birth of a Fault
* Notes: Mechanism of an EQ
* **HW: CM Key Terms EQ / RI: Forces inside the Earth**

**Work on Project**

 **3-11 Measuring Earthquakes**

* Correct HW / Quiz
* Notes: EQ Metrics
* Activity: ESL 11A
* **HW: finish lab / Modified Mercalli Scale Lab**

**Work on Project**

**3-14 Intro Volcanism**

* Correct HW / Quiz
* Notes: Structure and Location of Volcanoes
* **HW: CM Key Terms Volcanoes / RI: Types of Volcanoes**

**Work on Project**

**3-15 Volcanic Eruptions**

* Correct HW / Quiz
* Notes: Eruption Types and IRF
* **HW: CR: Volcanoes / EN: Predicting Volcanic Eruptions**

**Work on Project**

**3-16 Project Work Day**

* Correct HW
* **Work on Sciencia Project**

**3-17 Project Work Day**

* **Work on Sciencia Project**

**3-18 Review Day**

* Questions of Project – Due Monday
* Review

**3-21 Test Day**

* **Test**
* **Sciencia Project Due**