**INTEGRATED SCIENCE**

 ***UNIT 4: Earth History* (Plate Tectonics, Fossils, and GTS)**

11-7 Plate Tectonic Theory

* OVERVIEW of Unit / Packet Handout
* Notes: Evidence of Moving Plates
* Lab: Interpreting an ISOCHRON Map
* **HW: ESWS 11A / Finish Map**

11-8 Continental Drift Mechanism

* Correct HW
* Essay Quiz – IS Essay: Play Tectonics
	+ 20 min write
* Notes: Seafloor Spreading
* Lab: Determining Seafloor Spreading Rats

11-9 Consequences of Plate Movement

* Quiz
* Work time: Seafloor spreading lab (finish)
* Notes: Plate Boundaries
* Notes: Earthquakes
* **HW: RI: Theory of Plate Tectonics / CM: Forces Inside Earth**

11-10 Earthquakes and Volcanoes

* Quiz
* Lab: ESL 11A – determining the epicenter
* Notes: Read through Volcano Notes
* **HW: CM – Key Terms: Volcanoes / RI: Types of Volcanoes**

11-11 Fossils

* Correct HW
* Notes: Fossils Types
* Lab: Geo Lab 23 – Dino Fossil Puzzle
* **HW: CM Fossils**

11-14 Geological Time

* Correct HW
* Quiz
* Notes: Geological Time Scale
* **HW: WS 61/ ISLA - GTS**

11-15 Geological Time

* Correct HW
* Quiz
* Lab: Geo Lab 21 – Interpreting Earth History

11-16 Determining Earth’s Age

* Correct HW
* Quiz
* Notes: Relative Dating of Earth’s Layers
* **HW: WS 62 / Start Online Activity**

11-17 Determining Earth’s Age

* Correct HW
* Work Time: Online Activity
* Notes: Absolute Dating of Earth Materials
* **HW: WS 63 / CH 21 Study Guide**

11-18 Earth Features Influence Life

* Correct HW
* Quiz
* Notes: Earth’s Impact on Life
* **HW: ESWS 13A.1**

11-21 Unit Wrap Up

* Quiz
* ESL 14A – the change game

11-22 Test Day

* TEST OVER UNIT 4
* Pick up Unit 5 Packet

**Happy THANKSGIVING**