**Trailblazer Lesson Plans**

Mrs. Paul: **Science**

**Week of 10/31/16 to 11/04/16**

**Objectives:**

**Students will be able to explain how radioactive decay occurs and calculate the rate of radioactive decay in a given sample.**

***Monday***

**Learning Target: I can explain how radioactive decay occurs.**

**Bell work:** Students will complete a concept map over techniques scientists use to date rock layers.

**Class work:** Students will read page 111-113and complete notes over the section andStudents calculate the amount of parent and daughter material in a radioactive isotope.

**Homework: Students will complete a worksheet over absolute and relative dating and key terms.**

**Tuesday:**

**Learning Target: I can graph the decay rate of a radioactive isotope.**

**Bell work:** Students will complete questions over absolute dating.

**Class work:**  **Hour:** Students will complete a quiz over radiometric dating**.** Students will graph the decay rate of a radioactive sample .

**Homework: None**

**Wednesday:**

**Learning Target: I can demonstrate my knowledge of fossils and dating rock layers.**

**Bell work:** Students will complete questions over absolute dating.

**Class work:**. Students will complete a study guide for common assessment on Thursday.

**Homework: Study for Common Assessment over Fossils and Dating Rock Layers**

**Thursday:**

**Learning Target: I can explain how radioactive decay occurs.**

**Bell work:** Students will review study guide for common assessment.

**Class work: Students will complete a common assessment over fossils and dating rock layers.**

**Homework:** None

**Friday:**

**Learning Target: I can describe the physical and compositional layers of the earth.**

**Bell work:** Students will complete a TYOL sheet for Plate Tectonics.

**Class work:** Students will complete a pretest over plate tectonics and complete a nonfiction-reading sample to find the claim and supporting evidence.

**Homework:** None