**Trailblazer Lesson Plans**

**Lesson plans are only a guide and are subject to change.**

Mrs. Paul: **Science**

**Week of 11/14/16 to 11/18/16**

**Objectives:**

**Students will be able to explain how the theory of continental drift and seafloor spreading lead to the development of the theory of plate tectonics.**

**I can list the different types of plate boundaries and explain how they move.**

**Monday:**

**Learning Target: I can describe how the lithosphere is divided into tectonic plates.**

**Bell work:** Students will complete questions over seafloor spreading.

**Class work:**. Students will conduct research over the theories of Continental Drift, Seafloor spreading and Plate tectonic to write an article over the three theories.

**Homework: None**

**Tuesday:**

**Learning Target: I can explain the how the theory of continental drift and sea floor spreading lead to the development of the theory of plate tectonics.**

**Bell work**: Students will

**Class work:** Students will research Alfred Wegner and Henry Hess and explain their theories, and how their ideas led to the development of Plate Tectonics. Student will continue working on their article using google docs over the development of plate tectonics.

<http://www.learner.org/interactives/dynamicearth/index.html> Earth’s layers

<http://www.eoearth.org/view/article/157036/> Wegner

<http://www.pbs.org/wgbh/aso/databank/entries/do12we.html> Wegner

<http://www.pbs.org/wgbh/aso/databank/entries/bohess.html> Hess

<http://earthguide.ucsd.edu/eoc/teachers/t_tectonics/p_seafloorspreading.html>

<http://cde.nwc.edu/SCI2108/course_documents/earth_moon/earth/earth_science/earthquakes%20people/seafloor%20spreading/seafloor_spreading.htm>

**Homework: Students will continue working on their article .**

**Wednesday:**

**Learning Target: I can explain the how the theory of continental drift and sea floor spreading lead to the development of the theory of plate tectonics.**

**Bell work:** Students will complete questions over plate tectonics.

**Class work:** Students will continue to work on their article over the development of plate tectonics. Students will also continue working on their poster on convection currents.

**Homework: Continue working on article over seafloor spreading and continental drift article due Friday.**

**Thursday:**

**Learning Target:** **I can describe the three kinds of plate boundaries and how they move and the geologic processes that occur at each plate boundary.**

**Bell work:** Students will complete questions over plate tectonics and sea floor spreading .

 **Class work:** Students will complete a quiz over continental drift, seafloor spreading and the current theory of plate tectonics. Students will read page 208-209 and complete a foldable over plate boundaries.

**Homework: None**

**Friday:**

**Learning Target: I can describe the three kinds of plate boundaries, how they move and the geologic processes that occur at each plate boundary.**

**Bell work:** Students will answer questions over plate boundaries.

 **Class work:** Students will illustrate and explain how convection currents flow inside the earth.

<http://www.youtube.com/watch?v=1-HwPR_4mP4&feature=related>

<https://www.youtube.com/watch?v=NfVNnk8FHcU> Plate tectonics

<http://www.youtube.com/watch?v=1-HwPR_4mP4&feature=related> Plate tectonics

<http://www.youtube.com/watch?v=ryrXAGY1dmE> Youtube video on convection currents

<http://www.absorblearning.com/media/attachment.action?quick=12s&att=2781> Convection current animation

**Homework: None**