**Trailblazer Lesson Plans**

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

Mrs. Paul: **Science**

**Week of 11/27/17 to 12/01/17**

**Objectives:**

**Students will be able to describe how earthquakes and volcanoes form as a result of plate movement.**

**Students will be able to contrast the different types of seismic waves.**

**Students will be able to plot data to on a map to locate the epicenter of an earthquake.**

**Monday:**

**Learning Target I can describe what an earthquake is and define focus and epicenter.**

**Class work:** Students will go over their common assessment from before break and read page 240-243.

**Homework: None**

**Tuesday:**

**Learning Target: I can describe the different kinds of seismic waves.**

**Bell work**: Students will interpret a chart over worldwide earthquake data.

**Class work:** Students will read page 254-257 and complete notes over the section.

<https://www.youtube.com/watch?v=VSgB1IWr6O4>

<https://www.youtube.com/watch?v=ndD7JDkoFFc>

**Homework: None**

**Wednesday:**

**Learning Target: I can describe how scientists measure the intensity and magnitude of an earthquake.**

**Bell work**: Students will complete questions over earthquakes.

**Class work:** Students will read page 258-260. Students will practice read a seismogram and finding the epicenter of an earthquake using the S-P method.

**Homework: None**

**Thursday:**

**Learning Target: I can locate the epicenter of an earthquake insing the modified Mercalli scale.**

**Bell work**: Students will complete questions over earthquakes.

**Class work:** Students will plot data using the modified Mercalli scale.

**Homework: None**

**Friday:**

**Bell work**: Students will complete questions over earthquakes.

**Class work:** Students will complete a worksheet over earthquakes .

**Homework: None**