**EAGLES**

**Science Lesson Plans**

Week of Nov. 27-Dec. 1

**Monday: earthquakes**

**Learning Target:**  I can describe how seismic waves travel through Earth and cause earthquakes.

**Classwork:** Students will read and discuss pp. 240-244 over earthquakes.

**Tuesday:**

**Learning Target:** I can describe the three types of seismic waves.

**Classwork:** Students will read 256-259 over seismic waves. Demonstrate waves with slinky.

**Wednesday:**

**Learning Target:** I can tell the difference between intensity and magnitude of an earthquake.

**Class work:** Students will read pp. 258-261.Look at chart of earthquakes happening today and compare to Richter/Mercalli scale. Students will complete notesheet over earthquakes. Effects of earthquakes p. 244.

**Thursday:**

**Learning Target:** I can use the Mercalli scale to determine the amount of damage done to locate the epicenter of an earthquake.

**Class work:** Students will plot earthquake data to locate the epicenter of the earthquake.

**Homework:** Earthquake Key Terms

**Friday:**

**Learning Target**: I can describe how an earthquake can lead to a tsunami.

**Class work**: Students will take a quiz over earthquakes and volcanoes. Students will watch a video and answer questions over the earthquake in Japan that led to a tsunami**.** Discovery education**:** Megaquake: Hour that Shook Japan.

**Class work:**