



Earth has and how they interact with each other. The students could use the standard, to define how Earth is changing, not just with earthquakes but in all the different ways that changes on Earth happen.

My personal feelings on this data source is that it is completely amazing. Being that I do teach upper elementary/middle school, this data source fit perfectly to get the students engaged in real-life, happening right now on our planet activity. I got on it just a couple of minutes ago and saw that there had been 2 earthquakes in Hawaii just a few hours ago. I had to contact the friend that I have living on the big island to see if he felt the earthquakes! It was so cool! Then I realized that he might not have been able to feel them based on the magnitude, so I had to quickly look up how strong an earthquake has to be to be felt. But the actions that I went through in just a few minutes could be done by all of my students and I can see how exciting it would be for them to connect to Earth science so closely.

As I was exploring the data source, my mind was reeling with the possible way that it could be used to create interdisciplinary lessons. Because I teach science, math, and social studies, I try to connect it as closely to those subjects as I can. Some of the connections I thought about was focusing on specific areas that would be covered in my 6th grade class. We have been learning about South America and it would be awesome to connect the current tectonic plates and earthquakes that are happening there. I could also pull in math and have the students graph the earthquakes in specific areas over time. Discuss if there are any patterns or other connection that they could make with the data. These types of lessons could be done year long and with specific places. Then at the end of the year the students could create some sort of project that would encompass what the standard has in mind.

The possibilities are endless and sometimes that is what overwhelms me. I appreciate how much the data sources that have been presented in this class so far have encouraged me to think outside my box and make the learning more engaging for my students.