**\*--Means that this is a REALLY GOOD resource!**

**Periodic Table (writing prompt)**

Heavy Elements: <https://newsela.com/articles/periodictable-elements/id/13991/>

**Plate tectonics**

Wegener and Continental Drift: <http://www.scientus.org/Wegener-Continental-Drift.html>

\*Plate Tectonic Theory (LOTS of good source info!): <http://thebritishgeographer.weebly.com/plate-tectonic-theory.html>

Good Video with Text: <http://nationalgeographic.org/media/plate-tectonics/>

Handout (but explore this website, great info!): <http://science.jrank.org/pages/5327/Plate-Tectonics-Proofs-tectonic-theory.html>

Overview on Continental Dift: <http://www.thisoldearth.net/Geology_Online-chapters.cfm?Chapter=3>

**Ages of crustal Rocks**

\*Principles of Relative Dating: <http://www.thisoldearth.net/Geology_Online-1_Subchapters.cfm?Chapter=4&Row=2>

Interactive Lesson: <http://oceanexplorer.noaa.gov/edu/learning/1_plate_tectonics/plate_tectonics.html#slide>

\*Prezi: <https://prezi.com/1utohkivjqvk/how-the-age-of-crustal-rocks-relates-to-the-theory-of-plate/>

**Past and current movements of coastal and oceanic crust**

Video <https://www.youtube.com/watch?v=uGcDed4xVD4>

GPS Measuring Plate Data: <http://www.iris.edu/hq/files/programs/education_and_outreach/aotm/14/1.GPS_Background.pdf>

Gps Time series data <http://sideshow.jpl.nasa.gov/post/series.html>

Analysis of crustal Rocks in Antarctica: <http://onlinepresent.org/proceedings/vol20_2013/17.pdf>

**\*\*\*For students who were not here first semester (and extra info for those who were):**

Radioactive Decay: <https://www.youtube.com/watch?v=KWAsz59F8gA&t=2s>

Radiometric Dating (basic): <https://www.youtube.com/watch?v=phZeE7Att_s>

 <https://www.youtube.com/watch?v=I4AZbX_cZl0>

Radiometric Dating (advanced): <https://www.youtube.com/watch?v=2io5opwhQMQ>

Relative Dating: <https://www.youtube.com/watch?v=fYSeM63Fv0s>

Relative vs Absolute Dating Notes: <https://www.youtube.com/watch?v=vLNA0qr8l3Q>