

Essay 1 – Violent Earth

In the first lecture, I reviewed the Earth Systems and the 5 Bigger Ideas.

In 450 words, write a narrative weaving each of these systems together focusing on the first two big ideas (1-Earth is a system of systems and 2-The flow of energy drives the cycling of matter).

Demonstrate your understanding that the Earth Systems are all connected: The Atmosphere is connected to the Hydrosphere by the meteorologic system of weather. The Geosphere is connected to the Atmosphere by the outgassing of volcanoes and sequestration of atmospheric carbon as limestone. Be as specific as you can, though I realize your exposure to all of these details may be limited. You will not be graded on breadth, but on the connections you draw.

Do not write one blurb and submit. Please write and edit several times to make sure this document is a good representation of you level of understanding of this concept. If you would rather verbalize your understanding in video form, you are welcome to do so but please also submit some writing. Notice this is not due until the end of week 2, leaving you time to submit your best work.

The last assignment of this course is the same, but I will be looking to see you have improved your level of detail presented and use examples learned through the course.

Lastly, have fun with this. The stakes are low so do not be stressed. :)