

6th Science Assignments 4/20-4/24 (due 4/27)

****please get outside and do something active every day that it is nice!****

This week we begin to learn about climate and weather patterns.

Assignment #1: The last vocabulary assignment of 6th grade! You will need to look up the definitions and write or type them for each word. You can use science flix or scholastic go to find definitions if you would like.

Words to Define:

<https://docs.google.com/document/d/1RDbpFfKgHul3Q97V6FoNI0nx1cIEJOcjAXlo9j-y0x4/edit?usp=sharing>

Science Flix & Scholastic Go login info:

https://docs.google.com/document/d/1ekcVFRSsyLsPP0XtjdFwB7x5tpR7p_hdULk1vYb7Ucc/edit?usp=sharing

Assignment #2:

Please read the following Important Information:

All Earth processes are the result of energy flowing and matter cycling within and among the planet's systems. Heat energy from the Sun, transmitted by radiation, is the primary source of energy that affects Earth's weather and drives the water cycle. Uneven heating across Earth's surface causes changes in density, which result in convection currents in water and air, creating patterns of atmospheric and oceanic circulation that determine regional and global climates.

Please answer the following:

1. Describe how heat energy increasing or decreasing can make something's density change: (refer to molecule movement)
2. Describe Convection: (we covered this a couple months ago)-
3. How does convection happen on Earth?
4. Why do you think climates are different in different areas of the world?
5. Why do you think weather can change daily in different regions?

Assignment #3:

Please watch the following 4 videos:

Kahn Academy Water Cycle- <https://www.youtube.com/watch?v=jFjI6y46QRk>

NASA Water Cycle- <https://www.youtube.com/watch?v=oaDkph9yQBs>

NASA Ocean & Weather- <https://www.youtube.com/watch?v=6vgvTeuoDWY>

Weather Vs. Climate- <https://www.youtube.com/watch?v=YbAWny7FV3w>

For each of the videos, please list 2 facts and use complete sentences. The facts must be different for each video. Total of 8 facts.