

For this week in science, you will do the following. All of this is on my website under April 27, 2020 - as you know 😊

- 1) Print out the **"Earth Handout"** and paste on pages 104 - 105 in your lab book. If you don't have a printer, then just write everything down as best you can.
- 2) Open the **Earth Notes pdf**. The Earth handout corresponds to the Earth Notes - just like we have done many many times in class. Copy Earth notes from Earth.pdf
- 3) I also have made an instructional video going over the concept of how when Earth is revolving closest to the Sun, we (N.Hemisphere) are in Winter and when we are farthest from the Sun we (N. Hemisphere) are in Summer. Yes, it sounds backwards, but it is true 😊
- 4) On page 469 in your blue textbook, you need to copy and include color "The Seasons". Pay attention to how Earth's axis is tilted as Earth revolves around the sun throughout its year. Yes, you do need to write the information that is written in the blue boxes on page 469. No, you do not need to draw the diagram in the white box illustrating the height of the sun. Draw this on page 106 in your lab book
- 5) Next, I would like you to play with the simulation: Khan Academy Seasons <https://www.khanacademy.org/science/cosmology-and-astronomy/earth-history-topic/earth-title-topic/pi/season-simulator> and answer some questions on page 107 in your lab book. These questions are linked on my website. Either print it out or just copy it down. There is an instructional video to show you how to manipulate this link.

Continued assignment with your sunset or sunrise. You can just draw another sun on your first drawing. If you lost it, here is another one.

- 6) You will draw the location of where you see the sun either setting or rising (depending on when you are awake. Just draw your horizon, pay attention to detail exactly where the sun is just as it is touching the horizon. Instructional video for this will be on my website also. We will draw this every week for the remainder of the year.

