

## Midterm - Plan for Remainder of Assignments

Pinkelman.Midterm

March 2022

Week	To Do List
March 7	<ul style="list-style-type: none"><li>● Complete lesson plan for Hydrosphere activity</li><li>● Catch up on previous Discussion Boards</li></ul>
March 14	<ul style="list-style-type: none"><li>● Conduct Hydrosphere lesson in class</li><li>● Review rubric for Unit Plan</li><li>● Live Class Session</li></ul>
March 21	<ul style="list-style-type: none"><li>● Research class resources for Unit Plan</li></ul>
March 28	<ul style="list-style-type: none"><li>● Research class resources for Unit Plan</li><li>● Spring Break</li></ul>
April 4	<ul style="list-style-type: none"><li>● Work on Unit Plan</li><li>● Live Class Session</li></ul>
April 11	<ul style="list-style-type: none"><li>● Work on Unit Plan</li></ul>
April 18	<ul style="list-style-type: none"><li>● Finalize Unit Plan - Due by April 20</li></ul>
April 25	<ul style="list-style-type: none"><li>● Live Class Session</li></ul>

### Lesson implementation Plan

- Focus Area: Hydrosphere
- Essential Question: How much water is in the world?
- NGSS Standards:
  - 5-ESS2-1. Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.
  - 5-ESS2-2. Describe and graph the amounts and percentages of water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth. [
- Resource: <https://eros.usgs.gov/remote-sensing-classroom/earthshots-classroom/>
- Student Activity: Visible Thinking Routine or Small Group Discussion

### Extra 40 Points Plan

- Focus Area: Astronomy/Space Science Unit Plan
- Essential Questions: TBD
- NGSS Standards:
  - 5-ESS1-1. Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth.

- 5-ESS1-2. Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.

### **Final Presentation Plan**

- Focus Area: Data Talk
- Essential Question: What's going on in this graph? What is this data showing us? What can we learn from this data?
- Common Core Math Standards:
  - MP1. Make sense of problems and persevere in solving them.
  - MP3. Construct viable arguments and critique the reasoning of others.
- Resource: My NASA Data???
- Activity: Whole Class Discussion