

## Water Project: Ocean Write-up

In a Google Doc or Google Slides:



A. **Define salinity** and its changes (1) within **Chapter 22.3** by answering the following questions:

1. **List and describe two** factors that cause ocean salinity to *increase* (2 of the 3 water types must be discussed (surface water, groundwater, and/or glaciers). Think water cycle.
2. **List and describe two** factors that cause ocean salinity to *decrease* (2 of the 3 water types must be discussed (surface water, groundwater, and/or glaciers). Think water cycle.

B. Why are oceans important? *with very specific examples (not word for word from Google; what do you already know about oceans?)*

C. How can oceans become polluted due to 1 of the 3 freshwater types? Be specific.

D. Find an ocean current event (last 3 months). Include a link to the direct article.  
Complete the following after reading the article:

- a. Claim-Evidence-Reasoning:
  1. Make a **claim** (statement of the results, stated as fact, can be supported by the evidence, that answers either B or C from above)
  2. Provide **evidence** (data, stats) to support the statement
  3. List **reasoning** (science knowledge) to explain how the evidence is connected to the claim.
- b. Define one new ocean term (ex: salinity, thermohaline, etc) from the article

Make sure your current event is different than your peers, and your work is your own.

**Due:**

- |   |         |
|---|---------|
| A. Salinity                             | ____/.5 |
| 1. How does salinity increase           | ____/1  |
| 2. How does salinity decrease           | ____/1  |
| B. Ocean importance                     | ____/1  |
| C. Ocean pollution                      | ____/1  |
| D. Current event (importance/pollution) |         |
| a.                                      |         |
| b. Ocean vocab                          | ____/.5 |

Total      \_\_\_\_/5