Environmental Science Data

Subject	**Environmental Science Data**
From	Melton, Aubrey
To	Hewitt, Kyle A.
Cc	Straight, Levi; Turowski, Melissa R; Hetrick, Craig S; Certeza, Rebecca; Inqui, Dena D.; Fortman, Thomas J.
Sent	Friday, February 05, 2016 2:05 PM

Hi Kyle (and the math department) -

We were looking through our Green school surveys from last staff meeting and I noticed you said you'd like good data to incorporate more Environmental Science ideas.

If you go to the http://buoybay.noaa.gov/   you can get real time data of information from the Chesapeake Bay. What I really like is that it creates graphs based on your choices for studies of water quality. You may need more specific explanations of what each of the data points does, but I'm pretty sure most is pretty obvious (like DO is dissolved oxygen, which is the amount of oxygen in the water.) If you need help on this, ask or email, I'm pretty familiar with most of this.

Here is also a copy of data for bioaccumulation in sharks: http://sharkresearch.rsmas.miami.edu/rj-dunlap/new-educational-activity-mercury-sharks . This one is pretty straightforward.

The Baltimore Ecosystem also has some great data for math teachers: http://www.beslter.org/data_browser.asp   You can get data sets and pivot tables under all the things the scientists in this area do with the Ecosystem Study.

Please forward to anyone who I may have missed for Math. I'm not part the department so I don't remember everyone.

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