Phytoplankton, Viruses, Cell Death, Oh My!

– Dr. Kay Bidle, April 3, 2014

**Notes**

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What kind of questions can we ask in microbial oceanography?

What methods could we use to investigate these questions?

*5.1.B/SEP 1: Asking Questions -* Scientific questions are distinguished from other types of questions in that the **answers lie in explanations supported by empirical evidence**, including evidence gathered by others or through investigation.

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What patterns do you see in this satellite image?

*5.1.B/SEP 4: Analyzing and Interpreting Data* - Students are expected to interpret data by **identifying significant features and patterns**, use mathematics to represent relationships between variables, and take into account sources of error. It is important students present data as evidence to support their conclusions.

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Using the data provided:
- What patterns do you notice in the abundance of the two groups?
- What hypothesis can you draw as to why the groups demonstrate this pattern?

*5.1.B/SEP 4: Analyzing and Interpreting Data -* Students are expected to interpret data by identifying significant features and patterns, **use mathematics to represent relationships between variables**, and take into account sources of error. It is important students present data as evidence to support their conclusions.

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