

Wrapping it all up

Step 1.

* Find the tide tables for the following beaches using <http://tides.mobilegeographics.com/>
  + Virginia Beach
  + Kitty Hawk
  + Cape Hatteras
  + Ocracoke
* Record on your Turtle info sheet what type of tides were occurring when our turtle was on land. *Make sure you are looking at the correct tide table according to where and when our turtle was on land*

Step 2.

* Begin analyzing your data.
  + Draw conclusions about the location of the turtle (primarily when it was on land), what type of moon, and what type of tide
  + Take into consideration the following facts and questions:
    - Our turtle was caught while she was nesting and was released the morning after she finished laying her eggs
    - How many nesting periods will a loggerhead sea turtle have in one nesting season?

Step 3.

* Write up your findings. You will be required to provide the following:
  + Data
    - Create a new data table using Word or Excel to clean up your data
      * You do NOT need to include all 63 original data points. ONLY the data points you were able to add a lunar phase and/or tide type
  + Analysis
    - Explain what your data is showing you. Were there any correlations?
  + Conclusion
    - Put everything together. Why do you think the turtle was where she was when she was? Is there truly a correlation between turtle nesting and tides.
    - Within in this section, I need to see evidence of your knowledge of tides. Things like type of tides, factors that influence tides, etc.