

## Sea Turtle Mini Lab

This mini lab was focused on the sea turtle nesting and hatching. The lab focuses around looking at data then interpreting it into information that can be understandable. I was able to focus on one specific piece of information during the lab. By looking at this information I was able to see how I could incorporate this into my classroom.

When I was doing this lab I was able to go onto the website with easy, but it focused around a keeping off technology which I like. I was able to read an introduction that told about the sea turtles. I was able to learn about sea turtles before the actual lab. I liked this because I do. It live near the ocean so it introduced me to a bigger picture. The information that was give had multiple pieces but one of the pieces was taken off the internet so it made it difficult to figure some of the pieces later at the end of the lab. I then moved to to the questions that were part of the lab. One of the charts was missing so I adapted to what I had for the data.

From a theaters point of view this lesson would be great to incorporate into my classroom. I enjoyed that the students would have to look at data to understand. I would also like to incorporate some extra research to connect it with some other subjects. The one issue that I had was the information. If there is missing information it would be very hard to connect the entire lab. The missing information threw me off so I could not imagine how a student would feel not being able to get to the information.

I would definitely apply this lab to my classroom with a few adjustments. I thought this would be an interesting thing to bring into any classroom in different levels. There were a lot of pieces that gave necessary information that could be applied into different pieces of the lessons.



## Sea Turtle Questions

1. What is the mean and median of the total amount of eggs?
  - a. The mean of the total eggs is 137.
  - b. The median of the total eggs is 144.
2. What is the range of the total amount of eggs?
  - a. The range for the total amount of eggs is 104.
3. Despite the graph showing a drastic increase in the number of turtle nesting, we cannot assume that the increase is due entirely to the community's efforts. What other reasons could there be for the increase in turtle nesting?
  - a. The other reason there could be an increase of turtle would be because the amount of predators that are around. With less predators there is a greater chance for offspring.
4. What was the month with the most nesting? How many lay days were there in that month?
  - a. June as the month with the most nests being at 5 nests in the plots.
5. What day had the most amount of eggs laid?
  - a. The nesting that had the highest number of eggs was June 3<sup>rd</sup>. This month had the highest amount of lay days.
6. What plot had the highest amount of hatched eggs? How many eggs were hatched? How many eggs did not hatch?
  - a. The plot with the highest amount of hatched eggs was in June 3<sup>rd</sup>. This day had 183 eggs hatch, and only 6 unpatched eggs.
7. What was the percent of natural nest versus relocated nests?
  - a. The percent of natural nest was at 68% while the relocated nest was 31%.
8. What is the average incubation period of the plots.
  - a. The average incubation period for these plots averaged at 73 days.
9. What was the average hatching success rate?
  - a. The average success rated based on limited information was around 76%.

## Resources:

Bridge. See Turtle Nest! See a Turtle Hatch! Retrieved from:

[http://www2.vims.edu/bridge/DATA.cfm?Bridge\\_Location=archive0700.html](http://www2.vims.edu/bridge/DATA.cfm?Bridge_Location=archive0700.html)