

School Name: Desert Academy

Team Number:

Team Members: James P-G, Ben Elsbrock, James Utton

Sponsoring Teacher: Mario Ruiz

Project Mentor: Peter Lamborn

The problem: Impacts of temperature, pH and chemistry change of ocean with coral growth.

Area of Science: Biochemistry is the area of science.

Why this is important:

This is important because coral is a big art of animal homes and coral are animals them self.

What we hope to show (results we hope to obtain):

We hope to show that coral growth might be linked up by the sun and pollution in water. I hope to learn the Impacts of temperature and chemistry in coral growth

Plan of Action/Methods (How we plan to work on it)

Using netlogo, we will design a model of coral growth in different climates.

Works Cited

<http://www.endangeredspeciesinternational.org/coralreefs7.html>

http://www.naturefoundationsxm.org/education/coral_reefs/kinds_of_coral.htm

<http://oregonstate.edu/ua/ncs/archives/2012/sep/%E2%80%9Cslippery-slope-slime%E2%80%9D-overgrown-algae-causing-coral-reef-declines>

<https://www.sciencenewsforstudents.org/article/crabs-play-defense-save-corals>

<http://coral.org/coral-reefs-101/coral-reef-ecology/how-coral-reefs-grow/>

http://supercomputingchallenge.org/15-16/expo-files/finalist_rubric.pdf