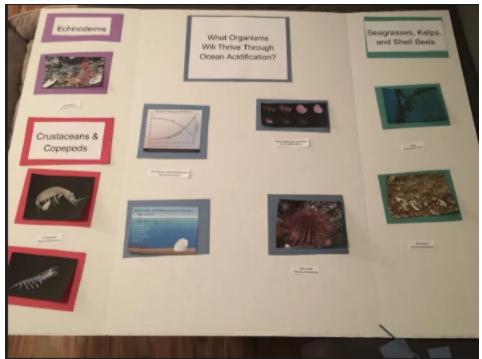
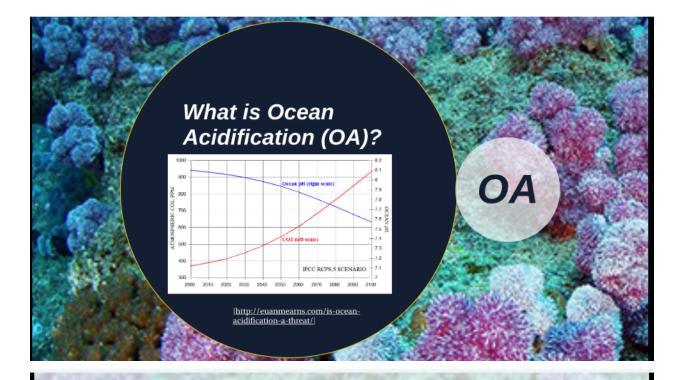
Student Project Pieces:



Screenshots of the students Prezi:





OA

- Ocean Acidification is the lowering of the pH balance of the ocean due to the absorption of carbon dioxide
- · Lowers calcium carbonate levels
- By the end of the century the ocean could be more than 150% acidic
 - Higher than we've seen in over 20 million years



Crustaceans and Copepods

- · These organisms appear to be relatively tolerant of OA
- Crustaceans include: shrimp, krill, crayfish, lobsters, and crabs.
- These animals can withstand a dramatic decrease in pH levels of the ocean with very little negative impacts including stunted growth and reproductive issues.



https://commons.wikimedia.org/ wiki/File:Abludomelita_obtusata.jpg



https://simple.wikipedia.org/wiki/ Copepod

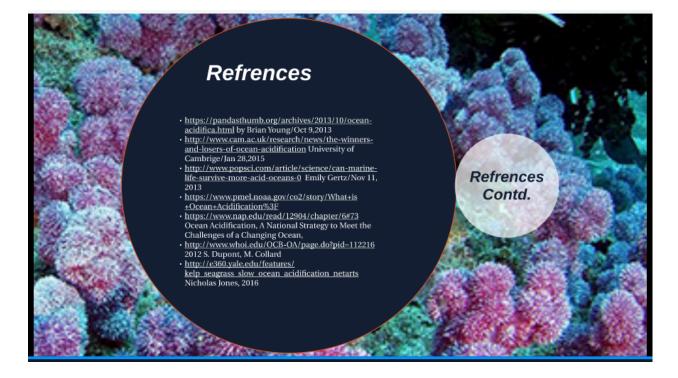
Echinoderms

- Organisms such as Echinoderms will not be harmed through ocean acidification as their environment already has a lower pH level.
- Halophilic microorganisms also thrive in low pH levels, they require it to survive.
- · Acidophiles also thrive in this type of environment,
- able to regulate their own internal pH levels.



- There are also several other extremophiles that can withstand an extreme amount of acidity
 - bacteria and other microorganisms.
- Hofmann, a scientist from the University of California, has done a study that may have led to a possible genetic code that can cause animals to thrive in more acidic waters.
 - consisted of exposing sea urchin larvae to acidic waters
 - She then interbred sea urchins from Southern California and the Pacific Northwest.
 - Hofmann discovered that the offspring could hold out against higher carbon dioxide conditions.

ttps://www.flickr.com/pho obirdr/16/55920



Screenshot of student takeway (business card):

Thrive & Survive

https://goo.gl/u5YC3b





Graded Feedback:

Some Rubric (1)	
Criteria	Assessment
Product Clarity	Full Marks 8/ 8.0 pts
Product Originality	Full Marks 8/ 8.0 pts
Relevance and Citations	Full Marks 8/ 8.0 pts
Required Elements	Full Marks 12/ 12.0 pts
Content Accuracy	Full Marks 4/ 4.0 pts
Attractiveness of Product	Full Marks 4/ 4.0 pts
Grammar	Full Marks 4/ 4.0 pts
Presentation - Enthusiasm	Full Marks 4/ 4.0 pts
Presentation - Professional Attire	Full Marks 4/ 4.0 pts
Presentation - Stays on Topic	Full Marks 4/ 4.0 pts
Presentation - Preparedness	Full Marks 4/ 4.0 pts
Presentation - Posture and Eye Contact	Full Marks 4/ 4.0 pts
Total Points: 68 out of 68.0	

This group did a very good job talking about their topic at level that was very well informed. They also had both a poster and prezi that showed the information in professional and colorful visuals.

Full Rubric:

https://docs.google.com/document/d/17D1eCyp-jRaei5MdcAd0aAHmsjP7uWZMBVAozYF3MYA /edit?usp=sharing