



FULL NAME

CLASS

DATE

TEACHER

Marine life in the oceans is in danger. Find out how greenhouse gases affect this situation!

1. Which words or concepts can you write about the topic?

2. Which values in the ocean do you expect to change?

3. What is your prediction about the changes in the ocean? Which variables might be affecting each other?"

4. How do you ask questions about these effects?



1. What values did you measure in the ocean?

2. Which of the measured values, if changed, could affect the other values as well?

If I change this value	I observe changes in these values accordingly



3. My hypotheses based on my observations;

If this value.....(↑ or ↓); that value(↑ or ↓)
If this value.....(. or); that value(or)
If this value.....(. or); that value(or)
If this value.....(. or); that value(or)

3. Can the hypotheses you stated above be tested?

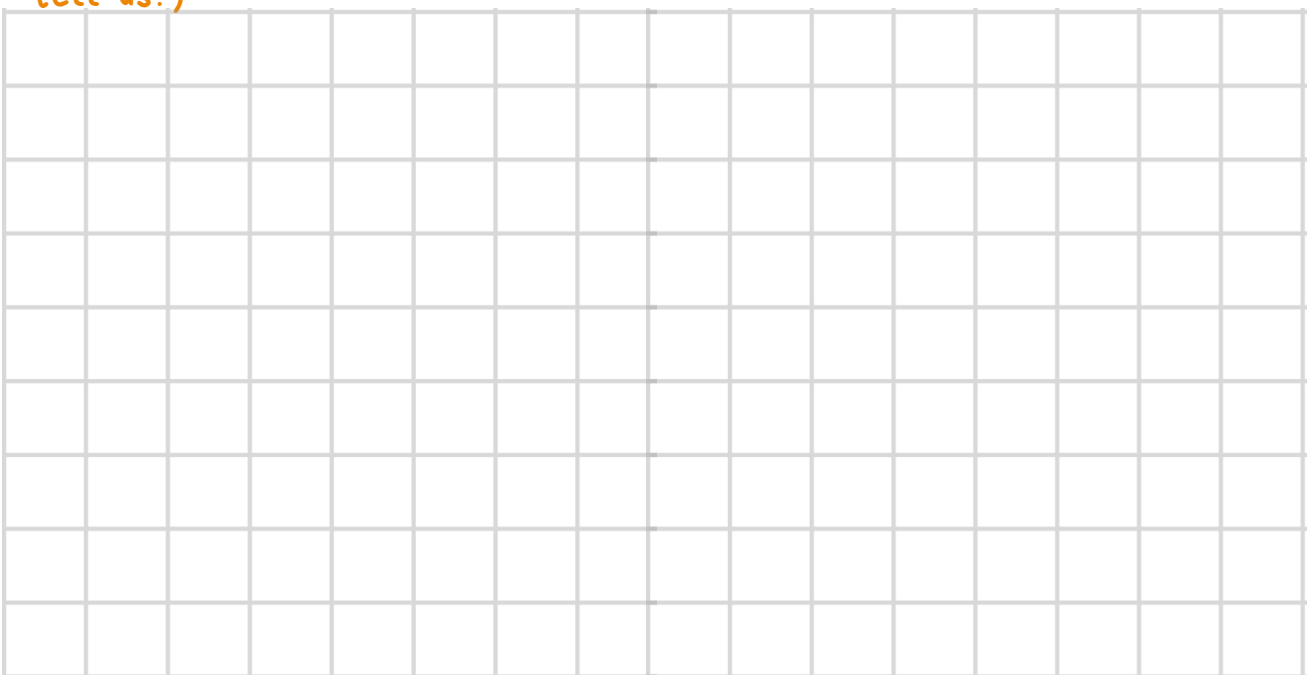
My Hypothesis	My Data



1. Put the values you measured in the table. (What did you observe?)

		Time		
Values				

2. Draw a graph about the data you measured  (What does the data tell us?)



CONCLUSION



RESULTS

Hypothesis	Evidence	Result
1. Do greenhouse gases increase or decrease ocean water temperature?		
Hypothesis:	The measurement you made	Inference
2. How does ocean temperature change impact the number and diversity of marine life?		
Hypothesis:	The measurement you made	Inference
3. Do greenhouse gases increase or decrease ocean water pH?		
Hypothesis:	The measurement you made	Inference
4. How does pH change affect marine life diversity and population?		
Hypothesis	The measurement you made	Inference

INTERPRETATION



REPORT

? How would you interpret the impact of greenhouse gases on the ocean and marine biodiversity based on your research?

[illegible]

INTERPRETATION



PREDICTIONS FOR THE FUTURE



How will marine life be affected in the future? How will humans be impacted by this situation?

PROPOSED SOLUTIONS



What actions can be taken to mitigate the effects of greenhouse gases?