**Sample Student Investigation Questions**

1. Student Question: Temperature or Sea Ice?
   1. Revised Question:
2. Student Question: How will changes in temperature affect krill?
   1. Revised Question:
3. Student Question: Will the bacteria ever go away?
   1. Revised Question:
4. Student Question: Who needs sea ice?
   1. Revised Question:
5. Student Question: How do ocean organisms respond to a change in the ocean temperature?
   1. Revised Question:
6. Student Question: Does the amount of sea ice in the ocean affect ocean organisms?
   1. Revised Question:
7. Student Question: What phytoplankton impacts the most sea life?
   1. Revised Question:
8. Student Question: Will the location of krill affect penguins?
   1. Revised Question:
9. Student Question: Adélie penguins: thriving or dying?
   1. Revised Question:
10. Student Question: Where are all the plankton?
    1. Revised Question:
11. Student Question: Where can we find the largest abundance of phytoplankton?
    1. Revised Question:
12. Student Question: How does phytoplankton vary over seasons?
    1. Revised Question:
13. Student Question: How does climate change affect penguins?
    1. Revised Question:
14. Student Question: How will future warming of the ocean affect levels of sea ice?
    1. Revised Question:
15. Student Question: How do ocean organisms respond to changes in the weather?
    1. Revised Question:
16. Student Question: Does the melting of the ice glaciers, due to global warming, affect the ocean?
    1. Revised Question:
17. Student Question: How does climate change affect the rain?
    1. Revised Question:
18. Student Question: How does temperature in Antarctica change over time?
    1. Revised Question:
19. Student Question: What is sea ice?
    1. Revised Question:
20. Student Question: What is sea ice’s role in the ocean food web?
    1. Revised Question: