**Questions for Phyotplankton Call**

1. What responsibilities do you have to take when you're in Antarctica studying plankton? **Justin W** from **Sand Creek Middle School, South Colonie School District in Albany NY.**
2. How is the Phytoplankton/Zooplankton data going to increase your knowledge of the food web? - **Pedro R.** from **Highland Park HS, Highland Park, NJ.**
3. How long have you been a scientist and what is the most important thing you look forward to each day down at Palmer Station during your time researching? **Alexandra A** from **Lincoln Middle School. Kearny NJ.**
4. What is the most important thing you need to survive in Antarctica? **Travis S** from **Sand Creek MS.**
5. What do you plan to do/ what data will you get from looking at the frozen krill?

from **Sophia M-H** at **HP HS.**

1. Is it difficult to program the gliders, how long does it take and to get the gliders to go where you want and how do you know where the phytoplankton will be to collect chlorophyll data? from **Joelvis C. at Lincoln MS.**
2. Have you ever discovered new plankton? from **Emma V. Sand Creek MS.**
3. Could another organism come in and take over the role of the Phytoplankton/Zooplankton? from **Monica A. at HP HS.**
4. How hard is it to find phytoplankton in your water samples? I watched someone in the lab and it looked difficult to extract the phytoplankton, just curious. from **Joniel L. at Lincoln MS.**
5. How long can you use your tracker detecting materials?  How long do they stay under water and how far from the ship can it travel? from **Delaney W at Sand Creek MS.**
6. Are the krill populations decreasing at all? from **Sarah T. at Highland Park HS.**
7. Can you tell me about some of the experiences you had that helped you so you could become a Long Term Ecological Researcher down in Antarctica at Palmer Station? **from Tenzin T. at Lincoln MS.**
8. How long does it take to get the data for zooplankton from the MOCNESS of the ship? **from John P. at Lincoln MS**.
9. How many animals rely on Phytoplankton/Zooplankton? - **Gissel R. at HP HS.**
10. If a baby penguin is about to die and won't survive winter, do you take it in and help it? from **Yun C. at Sand Creek MS**.
11. How are you able to tell the zooplankton apart in their larval stage from your sampling collections down at Palmer Station in Antarctica? from **Mariana C. at Lincoln MS.**
12. Where do Phytoplankton/Zooplankton come from? from **Brian N. at HP HS.**
13. What was the most severe situation that happened while you were on the ship? from **Ricky C. at Sand Creek MS.**
14. What have you noticed about zooplankton that is interesting to you and how upset do you get about sea ice melting? from **Pedro C. & Sabrina P.** at **Lincoln MS.**
15. . How far can zooplankton travel in one day down in Antarctica and do they have any odd behaviors? from **Nathaniel J at Lincoln MS.**
16. What types of problems have you encountered trying to research and collect data about zooplankton/phytoplankton? from **Caitlin B. at Lincoln MS**.
17. Other than slowing down our pollution, are there any other known ways to fix this issue? from **Jacob K. at HP HS.**
18. What is the percent of decrease in plankton since you started your study? from **Yun C. at Sand Creek MS.**
19. When you first began experimenting with either zooplankton or phytoplankton from Antarctica what was your initial concern or reaction? from **Leslie O. at Lincoln MS**.
20. What is the length of the shortest/smallest and the longest/krill you have ever seen? from **Alivya R.P. at Sand Creek MS**.
21. What kind of sickness do people get on the ship?  Have they ever needed to be evacuated? from **Emma V. at Sand Creek MS.**
22. What other supplies do you guys use other than trackers? from **Yun C. at Sand Creek MS.**
23. You said it should take about 5 years until you can start having raw photo age following Phytoplankton/Zooplankton. How do you plan to achieve this? from **Amelia W. at HP HS.**
24. How many pounds of Phytoplankton/Zooplankton do you experiment on each day? from **Yahia C. at HP HS.**