**Group 1 - 7 -11 yo**

**Group 2 - 13-14 yo**

**OCEAN & OBSERVING**

* Why do we need to measure the ocean’s temperature?
* What are phytoplankton and why they are important?
* What are zooplankton?
* Why does the ocean look blue or green? Or sometimes brown?
* What are the ocean layers?
* Ocean acidification.
  + What is it? What are the causes and consequences?
* Why are the oceans salty?
* Why do we need to protect the ocean?
* What’s the best thing I could do to help the climate?
* Which climate zones have you passed through?
* How warm is the water at the equator?
* Did you see any icebergs?
* What is an ARGO float?
  + What does it cost?
  + Do they break easily?
  + How deep can it dive?
* What does calibration mean? Why is it needed?
* What is a CTD?
* What is eDNA
* What have you found out so far?
* Have you seen any other ships?
* How deep is the ocean?
* How far down do you have to go before it gets dark?
* Which satellite do you use to transmit data and to scan the ocean?
* What are the aims of your projects?
* How meaningful are the results of samples, which are taken just once in a particular place?

**SHIP**

* How fast does the ship travel?
* What’s life like on board?
* How big are the cabins?
* What do you eat?
* Do you ever feel sea sick?
* What are you doing in your free time?
* Are you allowed to go swimming?
* When do you get up/go to bed?
* How long do you live on the boat?
* How many people are on the ship?
* What do you do with plastics/marine litter that you see during the expedition?
* Do you have any carbon-offset programme for using Diesel fuel in the ship’s engine?

**INTERNATIONAL STUDENTS & TEACHERS**

* Where are you from?
* Tell us about your home.
* What language do you speak at home?
* Why did you become a marine scientist?
* Have you been on many ships before?
* What criteria did you need to fulfill to join the Polarstern team?
* Do you do SCUBA diving for your projects/research?
* Are there any ritutals for new scientists?
* How old is the youngest person on board?
* How do you celebrate birthdays on board?
* What do you think about “Fridays4Future”?
* How often do you communicate with your family while on board?