



All about the Ice Activity: Conclusion **ANSWER KEY**

Activity Questions:

1. What did you notice?

The land ice added more to the sea level than the sea ice. That is because the ice in the sea has already displaced or taken up as much room as the water it melts into would take, where the land ice adds extra water as it melts.

2. Based on the change in water level, where do you think we should look for ice melt? Where does that ice exist on our Earth? Click [here](#) for a nifty map of land ice!

We should look at the land ice melt. If we keep an eye on that we can have a good understanding what to expect for sea level rise. Land ice can be found mostly on Antarctica and Greenland as glaciers!

3. Can ice that melts into the ocean so far away make a difference for the beaches near me?

Absolutely! We share one big ocean across the world. Anything happening in one part to it, will have affects all over the world!

4. How can you help make sure there is plenty of ice on our Earth so that there can be room for elephant seal pups like Madeleine on the beaches? (Hint, click [here](#) to learn more!)

There are many ways to ensure that the animals like Madeleine in CA and southern elephant seals in the Antarctic have a healthy ocean home but some of the most important involve supporting ways to reduce your use of fossil fuels and lessen the impacts of climate change. You can do this by switching to renewable energy sources for your home, carpooling more and supporting rideshare initiatives as just a couple of examples, as well as sharing what you learned with others! We need everyone's help to keep land ice frozen and beaches safer for pups!