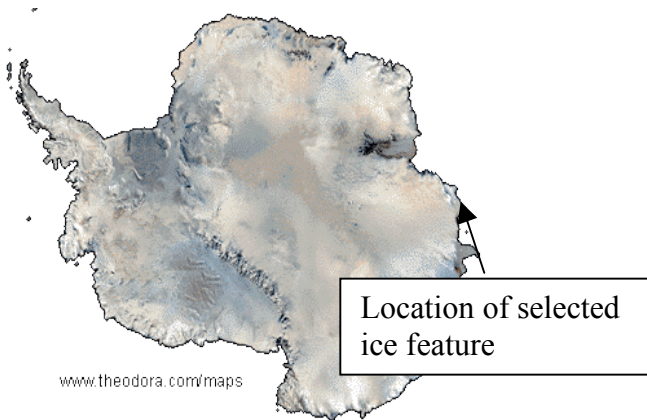


Team Member's Names: Kai & Adam
School: Mount Vernon Middle School, Mount Vernon, IA
Teacher: Mrs. Scarce

Proposal:

Adams Island- according to the Lima description:
Small rocky coastal island embedded in thick bay ice most of the year, lying at the W side of McDonald Bay, about 11 mi W of Mabus Point. Discovered by the Western Base Party of the AAE, 1911-14, under Mawson, and named by him for the boatswain of the expedition ship Aurora.

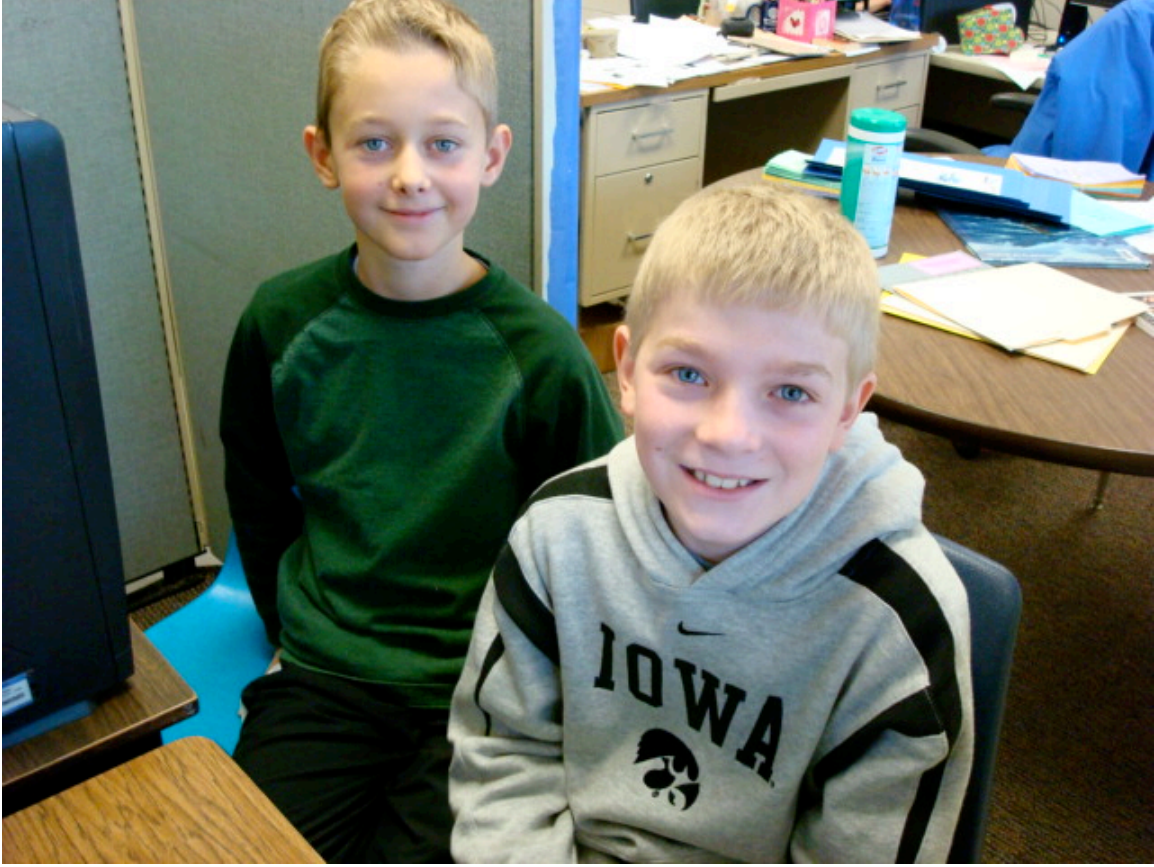


X: 2580010.55
Y: -116404.05

This ice feature is scientifically interesting because it has icebergs trapped in fast ice very close to it. We think the icebergs can't leave because they aren't moving fast enough to get away in the short time that the ice melts. It is also interesting because it doesn't look like much of an island. We also think scientists should check for any microbial life there.

We think global warming is a key factor for the ice feature. We know that the island is not always surrounded by ice. We would like to investigate the rate of melting of the ice around the island and if factors such as global warming are increasing the amount of time the bay is free of ice. We think that icebergs are trapped here because they come to Adams Island when there is not much ice and the icebergs become trapped when the water freezes over. We think that Global Warming may cause the area to be ice-free long enough for the icebergs to escape from the area in the future or may have no affect at all. Microbes can safely travel through space so that's probably where they came from and global warming could help or hurt them. You might see global warming taking its affect and maybe even microbes, they could be doing amazing stuff under water.

I think our team should be funded because Adam's Island would be a good place to study the effects of Global Warming. Global Warming will be the most evident in the areas near the poles. Global surface temperatures have increased in the last decade. Much of the increase can be attributed to the increase in greenhouse gasses throughout the world. The frozen areas near Antarctica may be the first to indicate drastic changes in the warming of the earth. Studying Adam's Island will help scientists predict and solve problems related to Global Warming. We also think we should be funded to look underwater to see what kinds of life are around Adams Island.



Thank you for considering our proposal.