

## Summit dreams

When teaching science getting the opportunity to stay at a research science station like the Summit camp is a dream coming true.

GU-Aasiaat (Avannaani Ilinniarnertuunngorniarfik, translated: "The place in the north where they try to educate students") is a small high school with approximately 200 students, where the students are only able to take science courses to B-level. The school is located in Aasiaat, a city with about 3000 inhabitants situated on a little island in the northwestern part of Greenland near the Disko Bay.

Like in a candy store – it is difficult to make up your mind because you want it all.

Basically we are interested in all the science fields: Mathematics, physics, chemistry, biology, geology and geography, and when we have to prioritize we want to think about our student's and their skills and abilities, and in addition making the stay at Summit camp something they can benefit from in many contexts. The teaching will have biggest impact if it corresponds with our student's level of understanding, and thereby increasing their interest and engagement.

Our students would be thrilled to be "real scientists" for a day and would enjoy getting hands-on experience at summit camp - even if it means only pushing a button or two. We would also like to take pictures of the running projects and the staff and guests and life on campsite for a web project at our high school.

In addition it would be interesting to learn something about:

- Physicals and chemical characteristic of an ice core and the interpretation of the data extracted from the different analyses.
- From snowflake to compressed ice and absorption of gas and other materials in the ice.
- Biological finds in the ice cores and discussions about bias measurements.
- Weather history from the ice cores and trends in history from measuring specific chemicals.

Best regards Kigga and Josua, GU-Aasiaat.