



Climate change, its consequences in the Arctic and around the world

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CLIMATE CHANGE, ITS CONSEQUENCES IN THE ARCTIC AND AROUND THE WORLD

This project has been led in a French European Class either in physics, chemistry, geology, biology and English by:

- Sophie Jayer (Biology and geology teacher)
- Claudie Le Divenah (Physics and Chemistry teacher)
- Alexandra Rosetti (English teacher)

As it was a European class, all the classes were held in English.

The goals were

- to have the students study both sciences and English
- to show them that all these subjects were linked in real life and how important English was for scientists
- To give them a glimpse of what scientific researches were both in the field and in a lab
- To get them involved in the polar year
- To make them work on the notion of world citizenship and raise their awareness about the issue of sustainable development

We first introduced the Damocles and Tara project to the pupils. Then we studied the Arctic's geography, their inhabitants and ecosystem (Biology and English).

In physics and chemistry, they talked about their working conditions, equipments and what kind of analysis they would do.

In geology, we studied the evolution of the sea ice and its consequences but also climate changes of the past, the influence of climate on human history and the evidences of global warming nowadays (the pupils had to find information and to make a presentation about different climate events that could be evidence of global warming).

A man who works on a research boat for a French national organization came in our class and was able to present his work, the conditions of life on board and to answer the pupils' questions.

This is a quick summary of our work.

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