



## **“no snow – no skiing excursion – consequences of climatic change?”**

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Subject of the poster:

Climatology and climate change have become central topics in Geography at our school. Because of that we set up a climatological station at our school. The data are an important basis to observe sudden changes in the weather.

The present winter (2013/2014) shows the importance of climate change in Alzey / Germany.

In winter many students think of the yearly skiing trip to Schwaz / Austria which is part of our school programme. Due to that the following questions arise: Will skiing still be possible if climate change accelerates? How are the skiing regions in the Alpes going to change? What will happen in about 20 years? How does artificial snow change the landscape and the skiing sport? Students have to be aware of the ecological damage of skiing trips. Each class has to come up with a concept how these trips can be as environmentally friendly as possible.

- the trip is for a restricted number of students only (year 8 only)
- a small skiing region is chosen which is not overcrowded
- snow has to be guaranteed in the ski area to avoid the production of artificial snow (avoidance of high water consumption)
- the bus arrives with a class and returns with the one that had been there before

These are but a few ideas of students in order to make their trip as environmentally friendly as possible. What is missing is only what is going to happen in the future. What will be the effect of climate change for skiing regions in the secondary mountains? How is the average temperature for winter going to develop? Are there possibilities for summer tourism (e.g. hiking) instead of skiing in winter? The students are going to try to find answers to these questions which are going to be presented on a poster on the GIFT-Workshop in Vienna.