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*STEAM within the
classroom: solving
ecological problems in
collaboration*

Poland

March 4-8 2019



On the first day, each country gave their presentations about cities and schools their students attend. This took place in our school auditorium.



After that, we accompanied our guests on a guided tour of the Royal City of Kraków and had a lovely dinner.



The second day was the most important in the project because the "clean air" conference was held.



After hearing the lecture "Smog the Silent Killer", each group presented the results of research on air pollution. In groups we came up with ideas to solve ecological problems.





Then we had a bit of fun and tried to sew our own anti-smog masks which everyone took home as a souvenir.





*We finished this day with a
karaoke session and a show of
Polish national dances.*



On Wednesday, we conducted joint air tests on the grounds of Chemistry Department at the Jagiellonian University with academic Staff. The experiments regarding air composition and air pollution were conducted in the chemical laboratory and outside.





After the research we took our guest to a very important place in the history of Poland - Auschwitz-Birkenau, where they learned a lot about the history of our country and the world.



On the fourth day we went to the Eco-incineration plant, where we learned about modern methods of waste utilization in the fight for better air quality





*Then we went
for a walk on
the Kościuszko
Mound in
Kraków, from
where we
watched the
beautiful
panorama of
the city.*



At the end of the day, together with our guests from Lithuania and Portugal we went to explore Exhibition: The Rynek Underground, a tourist route Following the traces of European identity of Kraków



On Friday we went to the Salt Mine in Wieliczka, where we had fun on the Miners' Route.





At the end of the day, we met at our school to summarize our activities.

We made projects that promoted environmental awareness and developed the most effective ways of sharing work effects.



*On the last day
our friends had
time for
sightseeing and
shopping. In the
evening we all
met at a
farewell dinner.*





To sum up, in Poland the topic of research was air pollution.

We presented our experience and came up with ways to solve this problem, and at the same time we integrated in joint activities and games.