



Students' Report Group 9 on E-learning and Flipped Classroom Activities (104)

Students' names and surnames and class:

Rino Bago, 2f

Ivan Bartol, 2f

Sven Matić, 2f

Dominik Ivan Sulić, 2f

Institute: V. gimnazija Zagreb

Country: Croatia

Specific in-depth topic of own home study and why this topic has been chosen (at least 200 characters)

Some studied topics in short for discussion:

Will humans fight over water in the future?

- This is a very real and frightening possibility because more and more of earth's water is being polluted.

What can happen if we aren't careful when cutting down trees?

- Trees are very important when it comes to soil. Tree roots help keep the soil together and prevent it from eroding when heavy rain falls.

What do you think people will use within 50 years to protect drinking water?

- Probably strict rules when it comes to water usage and contaminated water disposal. They will also most likely have modern ways of cleaning it.

What are the advantages and disadvantages of soil washing?

- Soil washing can help remove contaminants such as heavy metals or chemicals from the soil therefore making it better for the plants that are growing in it. But soil washing also uses a lot of water, and we must keep in mind that those contaminants that we removed must go somewhere else.

Give some ideas about how we can save drinking water from chemical pollution?



- We should reduce the use of chemicals in general or at least prohibit the use of dangerous ones. If we must use dangerous chemicals then we must keep them away from soils, so they don't get to underground waters.

Do you know what soil scientists do?

- They check the contents of soil, make sure that everything is up to standards. They can also recommend ways of cleaning it and advise on future prevention of soil contamination.

Why are soils important?

- Soils are the basis of life for many plants and animals.

What is acid rain and how does it develop?

- It is a type of rain which has a PH of or 4 or below. It is very harmful to plants and other natural minerals. It is developed because the industry and many factories emit great amounts of acidifying gasses.

Comment about the activity done at home (at least 300 characters)

The tests we were doing at home on the Cielo web page were easy to understand and most of the questions we could have answered without watching the educational video. Some questions were harder to understand but by watching the video we understood them in the end. The videos were interesting and amusing because we learned something new.

Comment about the interactive activity in the classroom (at least 400 characters)

In our classrooms we had a round table and some PowerPoint presentations about natural problems on Earth. The PowerPoint presentations were interesting to listen to and to also take part in some questions asked to the presenters. The round table was also fun to be a part of because we learned something new, and our classmates shared their knowledge about our world's problems. Some people were very active, but some could have talked more.