



## Students' Group report on E-learning and Flipped Classroom Activities (IO4)

**Students' names and surnames:** Butincu Alexandra, Biro Kriszta, Pop Marisa Alexia, Postolachi Olga

**Class:** 9th

**Institute:** Liceul Teoretic "Sfântu Nicolae"

**Country:** Romania

### Specific in-depth topic of own home study and why this topic has been chosen

We had a brainstorming session for our project and decided to make a project about water pollution.

We believe that water pollution is more serious than soil contamination since dirty water has a greater impact on the human body. Polluted water is water whose composition has been altered to the point where it is no longer usable. To put it another way, it's poisonous water that can't be drunk or used for anything else. Bacteria, viruses, nitrates, phosphates, plastics, excrements, and even radioactive substances are among the most common water contaminants. The high risk arises because these compounds do not necessarily alter the color of the water, they are frequently undetectable pollutants.

How can we purify water and keep it clean are the most important questions we answered in our research, in the flipped classroom activities.

### Comment about the activity done at home

Following our agreement on the topic, each of us conducted study and sought for resources for our presentation. Our main sources included the materials suggested by our teachers and the ones on the CiELO platform.

We met multiple times to choose materials, share thoughts, tasks, and so on and create the presentation. Before the actual presentation, we had a meeting with the teachers to supervise our work. Then we gave a presentation to our classmates and other project members about our research. Each of us had various responsibilities. A Q&A session and feedback from our peers and teachers followed the presentation.



Another assignment was to make a Kahoot game based on water pollution. It was a game that we played with our classmates.

At the end of the session, we did a reflection activity and received comments.

### **Comment about the interactive activity in the classroom**

Our group considers that introducing new and creative learning methods effect as well as teachers, who are pleased to see their pupils participating in the teaching-learning process but it's also a terrific opportunity for students to break out of their familiar environment, since they're usually spectators rather than participants in the learning process.

We had worked over our presentation many times, improving our communication skills and individual learning capabilities in the meantime. Although we were scared when carrying out the tasks, we felt a sense of success when our colleagues appreciated our efforts and gave us positive feedback. The Q&A session was a great follow-up to our presentation.