



Students' Report Group 10 on E-learning and Flipped Classroom Activities (IO4)

Students' names and surnames and class:

Paula Bušelić, 2f

Karla Glavinić, 2f

Lada Jurasović, 2f

Tibor Doležal, 2b

Ivor Vrkić, 2b

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)

Studied topics for discussion:

What is the European Green Deal and what is its purpose?

The European Green Deal is a set of policy initiatives by the European Commission. The policy's main objective is to limit and contain the increase of global warming. With that, its aim is to make Europe the first climate-neutral continent by 2050.

Name some water pollutants and which one is the biggest?

Some water pollutants are sewage and wastewater, agriculture, which is also listed as the biggest, oil pollutants, radioactive substances and much more.

What can we do to protect our soil?

There are a few things everyone can do that do not require much time. We can limit the amount of food that ends up in garbage. By consuming more and throwing away less, we can prevent valuable nutrients from ending up in a landfill. We can also, instead of throwing away food in garbage, make a compost system. Composting can return nutrients in food back to nature.

How does water erosion affect agriculture?



Water erosion removes or moves nutrients from soil. It also reduces effective rooting depth and plant available water.

TED talk – What is in fact greenwashing?

One of the members of the group gave a TED talk. The topic was one of the biggest problems in our world today; everyone has been a victim of this marketing trick, so she decided to make a presentation about it. What is in fact greenwashing? Greenwashing refers to when companies and organizations mislead their consumers or audiences by making them believe that a product, service they provide, or the organization itself is environmentally friendly or sustainable when it is not. It is a marketing strategy that misleads consumers into believing that a company cares for the environment despite its actions. The fashion industry is one of the biggest perpetrators of greenwashing with brands like Asos, H&M, and Zara being called out in recent years. It is not a new phenomenon having been an issue since the 1980s.

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

Learning at home about ecology was enjoyable and highly informative. We learned a lot about the importance of soil and water. Educative videos about these topics were very well made and about such important and rather overlooked topics about the well-being of our planet's ecosystem such as the importance of a healthy soil and water system. The exams were also a welcome challenge, allowing us to test our gained knowledge about the subject. The project had a positive impact on our interest in important environmental topics.

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

In class we took part in many activities, such as flipped classroom round table and TED talks. During our discussions, mostly at the round table, we got to express and exchange different opinions about the given topics. Owing to that, we had seen a lot of different perspectives and some of us had changed or formed opinions differently. TED talks given by some students who were interested in learning and educating others more have brought the topic of their choosing to our classroom. We were shown many problems of today's



world in a way that we could understand and adapt. Therefore, we were more exposed to present problems with our generation. The conclusion was that we can only hope and try to expand and bring awareness to this, unfortunately, profoundly serious topic. If we do not act now, we might never get a chance to do so.