

NEWSLETTER- Young Students as critical science detectives

May 1-October 30, 2020



Pollution in our city

- ✓ The students have checked the areas affected by household waste and took photos.
- ✓ The pollution household waste caused is high as there are several areas in which such waste is not collected on time showing the citizens and the local administration's lack of interest in finding a solution to the problem.
- ✓ Cars are one of the leading causes of air pollution in the city. Therefore, a wide range of experiments to identify the average number of vehicles running on a daily basis has been carried out by the students. For instance, they went to a crossroad with heavy traffic and counted the cars passing by.
- ✓ The big number of cars in the city significantly increases the level of pollution.
- ✓ Another work method involved an easy experiment. The students immersed a piece of white cotton fabric in a container full of water and placed it repeatedly in a number of busy street junctions in the city and then in a local park. They studied and compared the results and consequently drew the conclusion that the fabric remained clean in a less polluted environment.
- ✓ Another experiment regarded the study of growth for a bean seed which was alternatively watered with clean and polluted water. Pollution in water harmed the plant growth while the use of clean water made it grow and develop harmoniously.

Local newspapers-"Vocea Olteniei", The article "Training through Erasmus + projects at the Frații Buzești Craiova National College", 13.07.2020, Newspapers <https://www.vocea-olteniei.ro/2020/07/13/formare-prin-proiecte-erasmus-la-colegiul-national-fratii-buzesti-craiova/>

Dissemination via the internet, school website, https://drive.google.com/file/d/1vzl6Z_ZRSU-Hpv64axhqXJdfFa67MOLt/view, The college's website is accessed by a large number of people about 3000-4000

Dissemination via facebook

<https://www.facebook.com/search/top/?q=young%20students%20as%20critical%20science%20detective>