

STEM Education for Sustainable Development

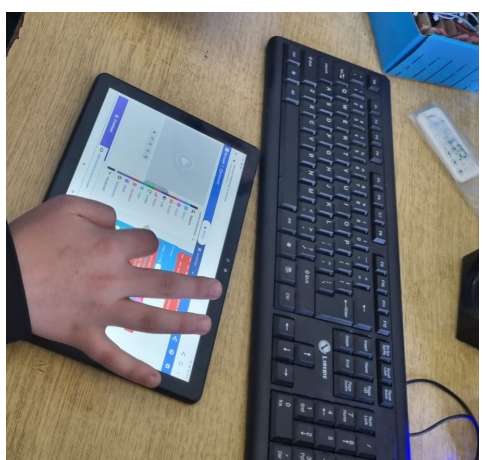
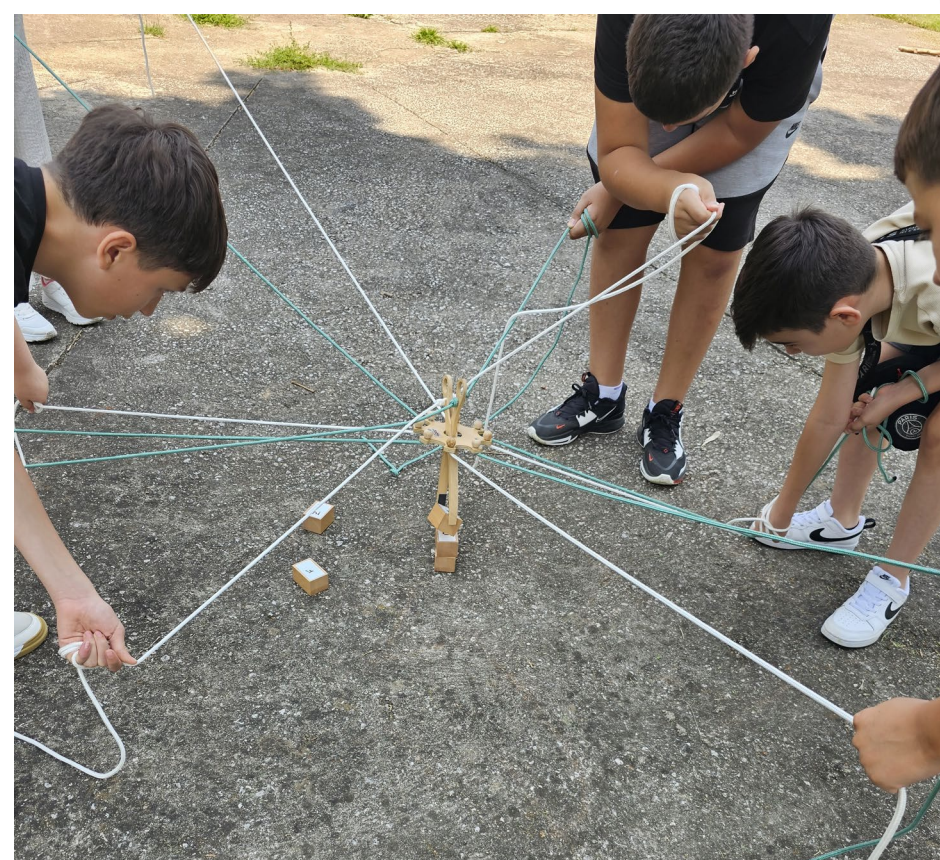


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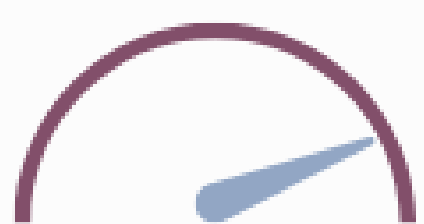


How to love nature and why?

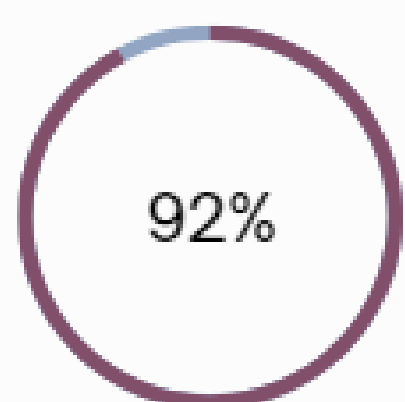
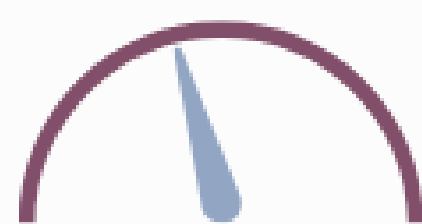
Climate change and the problem of pollution are becoming increasingly worrying problems. The goal is for students, using technology and new methods of learning, to develop their ideas on how they can contribute to the protection of nature. This will be motivating for them so that they too can provide important solutions, as well as not feel the learning process is tiring. The following types of activities are included in the project: field research; laboratory work; coding; literary creations (story); artistic creations; and graphic design.



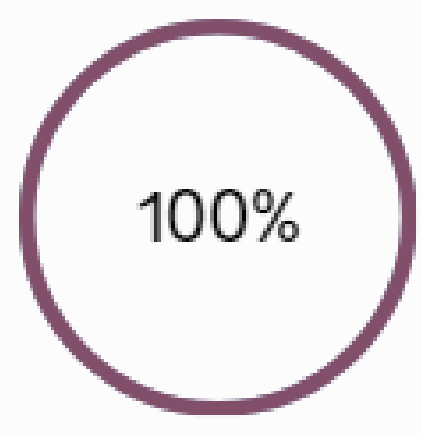
As a result of the application of integrated methods in the educational process, students have shown the highest results in terms of the level of knowledge and skills obtained. The students realized that the underground is as important as the above-ground.



85% of students initially expressed that they feel uncomfortable when presenting in front of the public, but this opinion has changed in 50% of students after their participation in several presentations.



92% of participating students managed to create their own projects independently



100% of students, however, were actively involved in the learning process.



Promotion of the STEM education book



Model from murelimum created by students



e-book created by students



Conclusion: Dealing directly with the problems of the living environment increases students' desire to protect it. Students develop their ideas for possible solutions to the problems caused by Global warming and pollution.