



## Inclusive Environmental STEAM Education with Online Labs

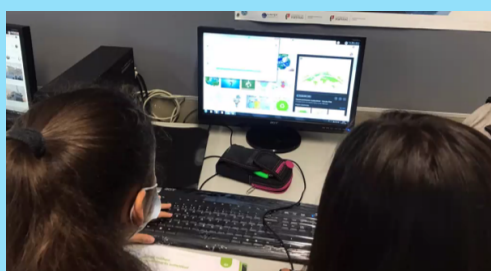
The project that gathers Inclusion, Environmental  
Education and very engaging lessons using Online Labs!



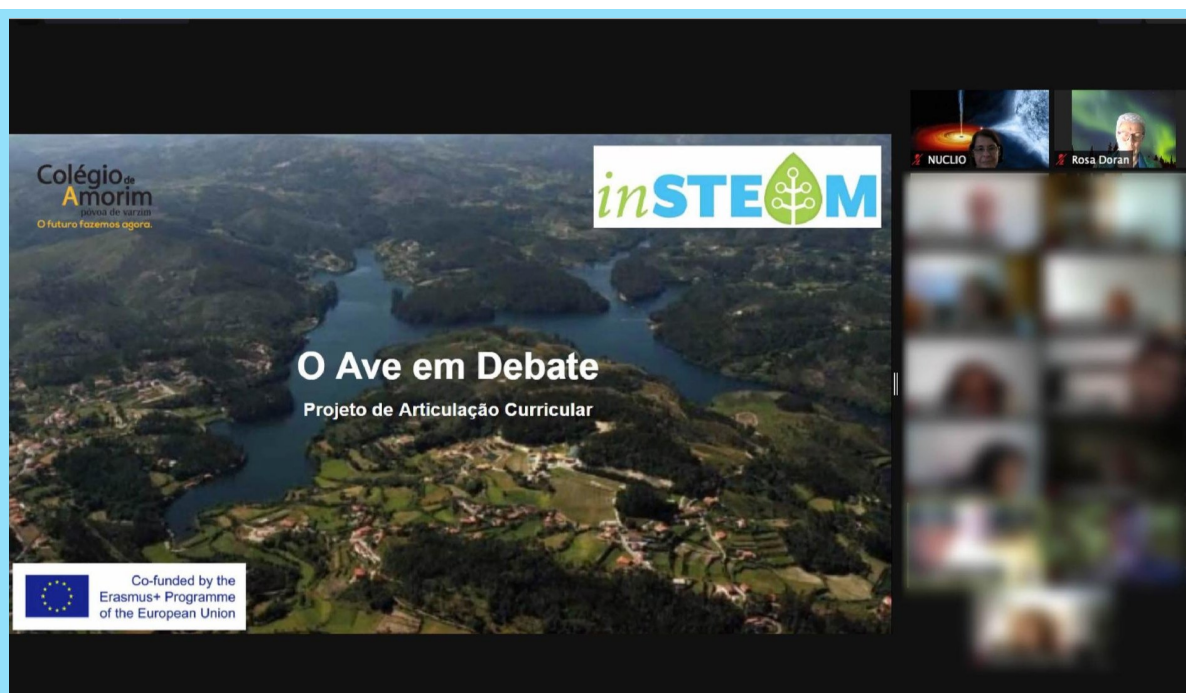
Dear teachers, last year has been filled with innovations and brave educators have been adjusting to a changing education world. The InSTEAM ILSs have been a useful resource for digital and distance education and we are very happy to have been part of your journey so far.

### Records from the past year

During the last school year, over 1500 students in primary and secondary education from Greece, Cyprus, Portugal and Spain have implemented the inSTEAM activities. The implementation took place in class in a social distancing arrangement and also in distance learning.



Teachers received training and were fully supported in their work throughout the year. The materials were designed in classroom-ready format. Because of this, the majority of teachers appreciate this structure and apply them without any modification.



The pilot implementation involved a diverse group of schools, from rural schools and schools with very few students, minority schools and schools for students with special needs. According to teachers' feedback students enjoyed participating in the activities and were eager to try more. Their favorite activities involved going on visits and making drawings, sculptures and collages about climate change.



It was a very exciting year in inSTEAM and the team received a great feedback from the participants

*"I think that the platform was easy for students to use. It was easy for me as a teacher to make changes in the environment."*

*"The ILS "Clean Water: Viruses in Water" is perfect as it is. The most that I like from the inSTEAM ILS(s) is the Virus Explorer Lab, which introduces 3D model of viruses. Due to the pandemic, the activity had to be carried out outside the computer classroom, i.e., adapted to face-to-face use. I like that many areas that are linked in the projects, e.g., the projects have been very useful in the development of physics and chemistry."*

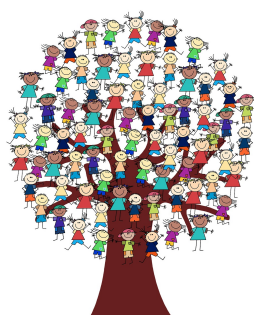
*"I enjoyed the plethora of tools to work with. Excellent work! In Greek too, so it is so much easier for us teachers to implement. The connection of science and art was nice. The ability to teach students with health issues, these were the classes I taught and this connection of art and science was really healing for them. They were enthusiastic after all this school year away from school and their classmates facing serious illnesses! It was a wonderful ending of the school year! A boost for their psychology!"*

Visit the website to learn more about the project

[Visit website](#)



Inclusive Lessons based on equality, Design Thinking and on the principles of Universal Design for Learning



Inquiry Learning Scenarios about Environmental and Social Education using online labs and interactive exercises



Guidelines for implementation and constant support from the team and the international InSTEAM community of teachers

### Have access to several lessons to implement with your students about

Clean water, water consumption  
and a global water crisis



Global Climate Change,  
Greenhouse Gases and the  
Human footprint



Renewable Energies, Energy  
activists and Energy  
Agents



[View all the activities](#)

The inSTEAM team supports all teachers that join the project and offers several prepared lessons as well as guidelines on how to implement inclusive environmental lessons in everyday teaching!

[Subscribe to the newsletter](#)



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