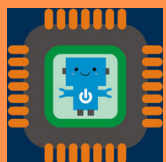


Harmonic Oscillator

Sotiris Katsabas

Arsakeio High School of Patras



RoboSTEM Lesson Report



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Erasmus+ Programme
of the European Union

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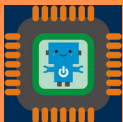
This project has been funded with support from the European Commission. The content reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

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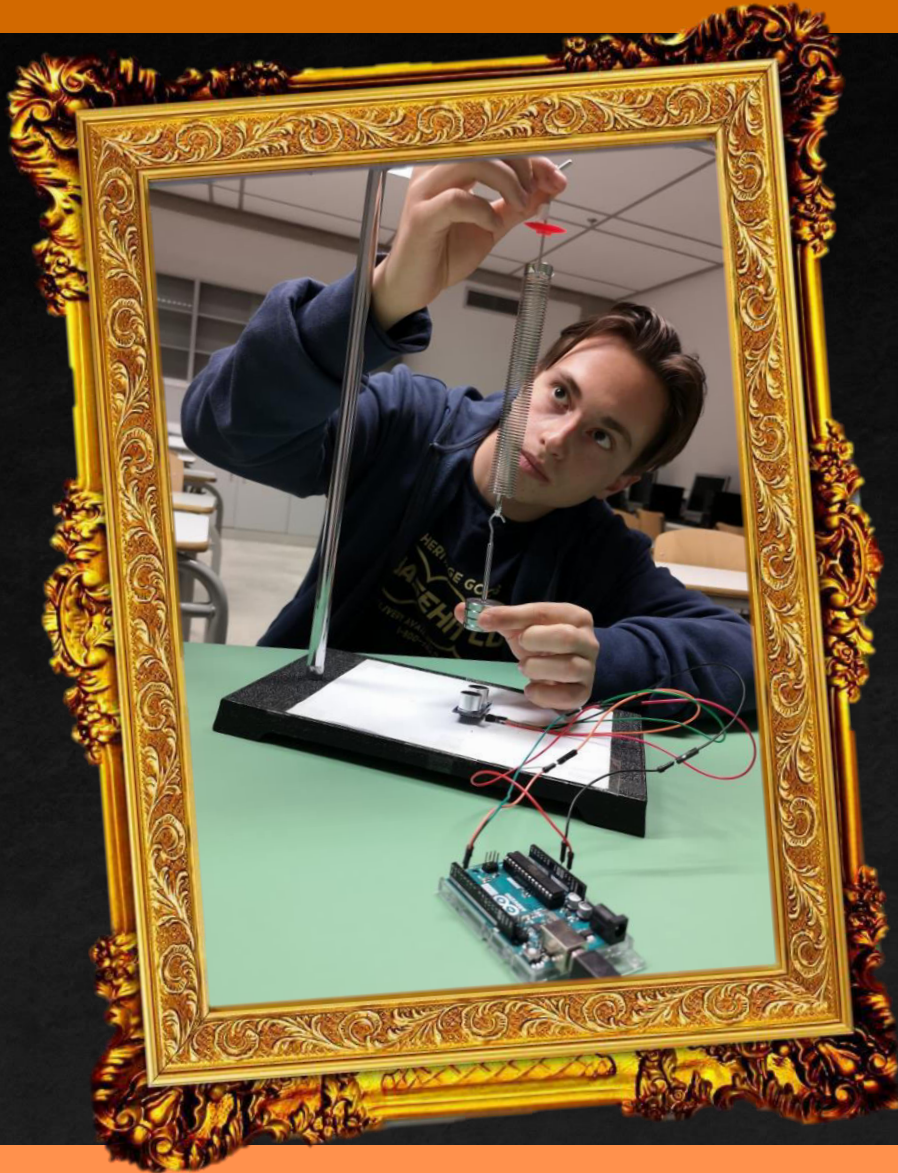
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Student Profile



Student Profile

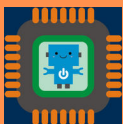


Hello! My name is Sotiris!

- Age: 16 years old
- Country of Origin: Greece
- School Grade: 10th Grade
- Favourite School Subject: Mathematics
- Hobbies: Football

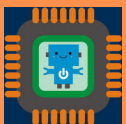
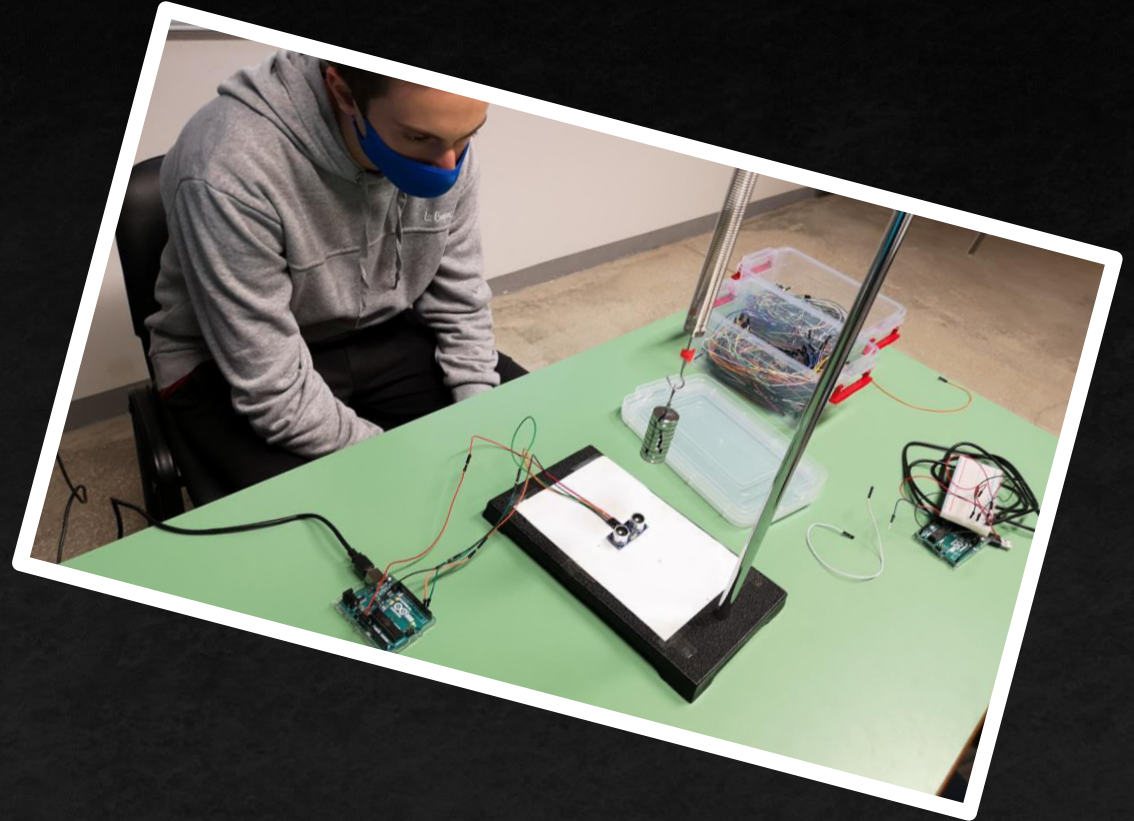


Topic of the Lesson

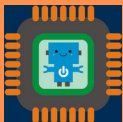


Topic of the Lesson

This is an application that captures and analyzes harmonic oscillation data.

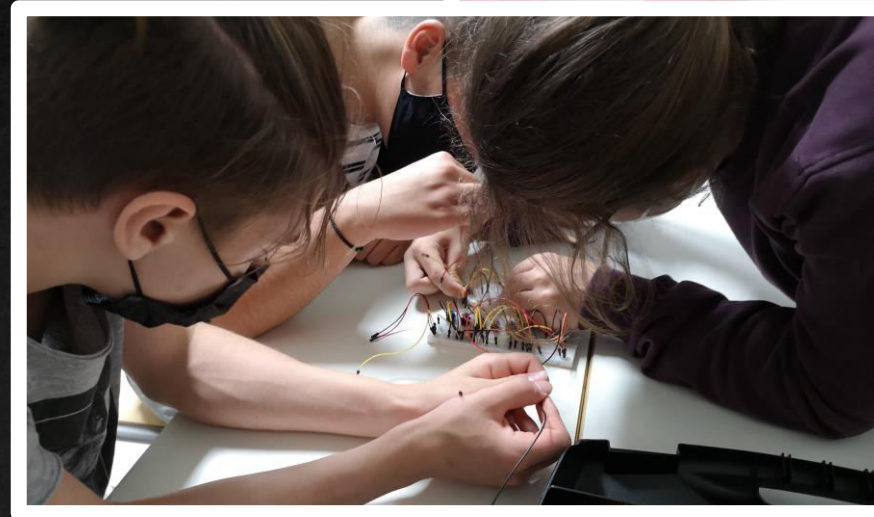
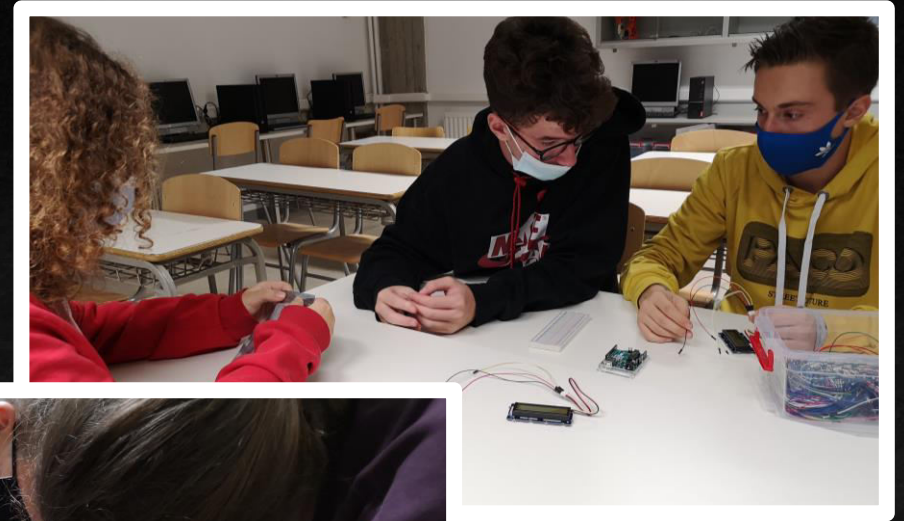


Practical Implementation



Practical Implementation

It can be used to study and analyse harmonic oscillation data due to its accurate measurements.



A Different Way to Learn



A Different Way to Learn



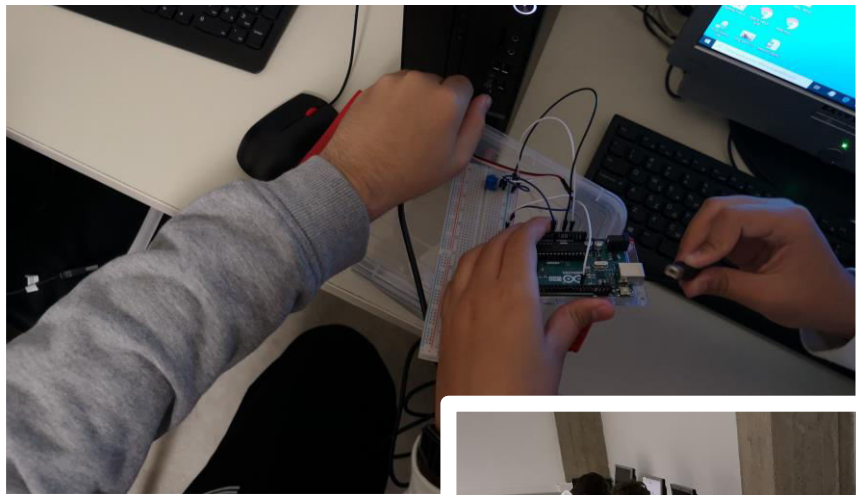
I was interested in the fact that we remained not just in theory, but worked in practice as well.



Eager to Get Back?



Eager to Get Back?



I was very looking forward to the next lessons because in every lesson we developed even more the work we were doing.

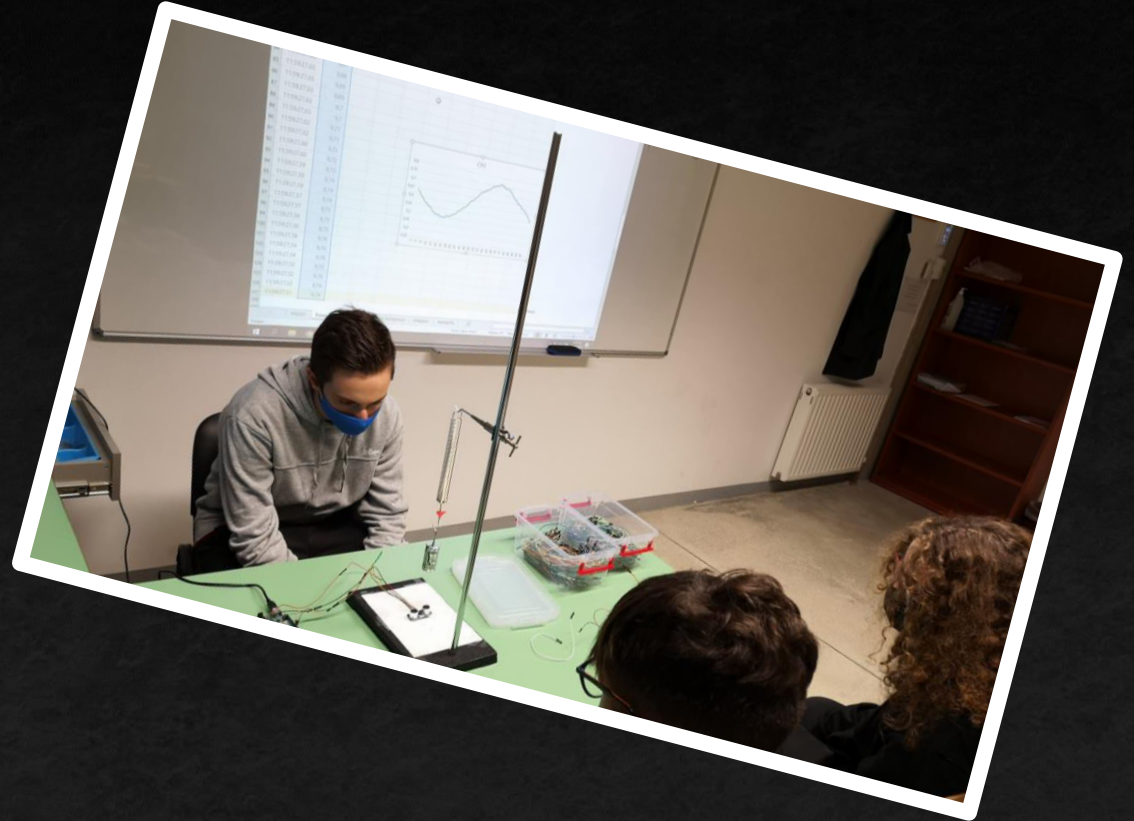


Problem Solving



Problem Solving

It was not very difficult because we had the foresight and we had taken into account the problems that might arise and therefore we did not have a problem dealing with them.

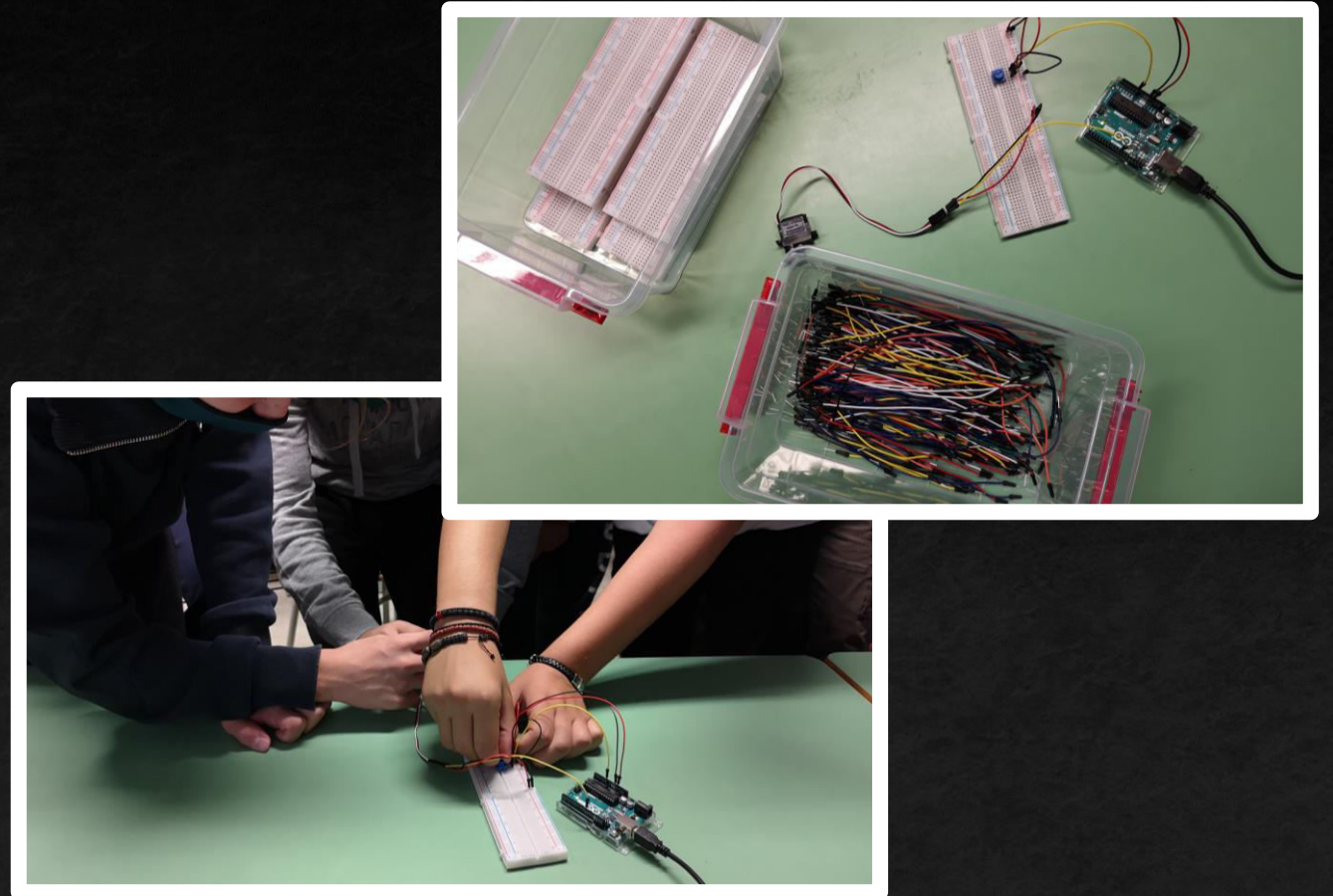


My Way of Learning



My Way of Learning

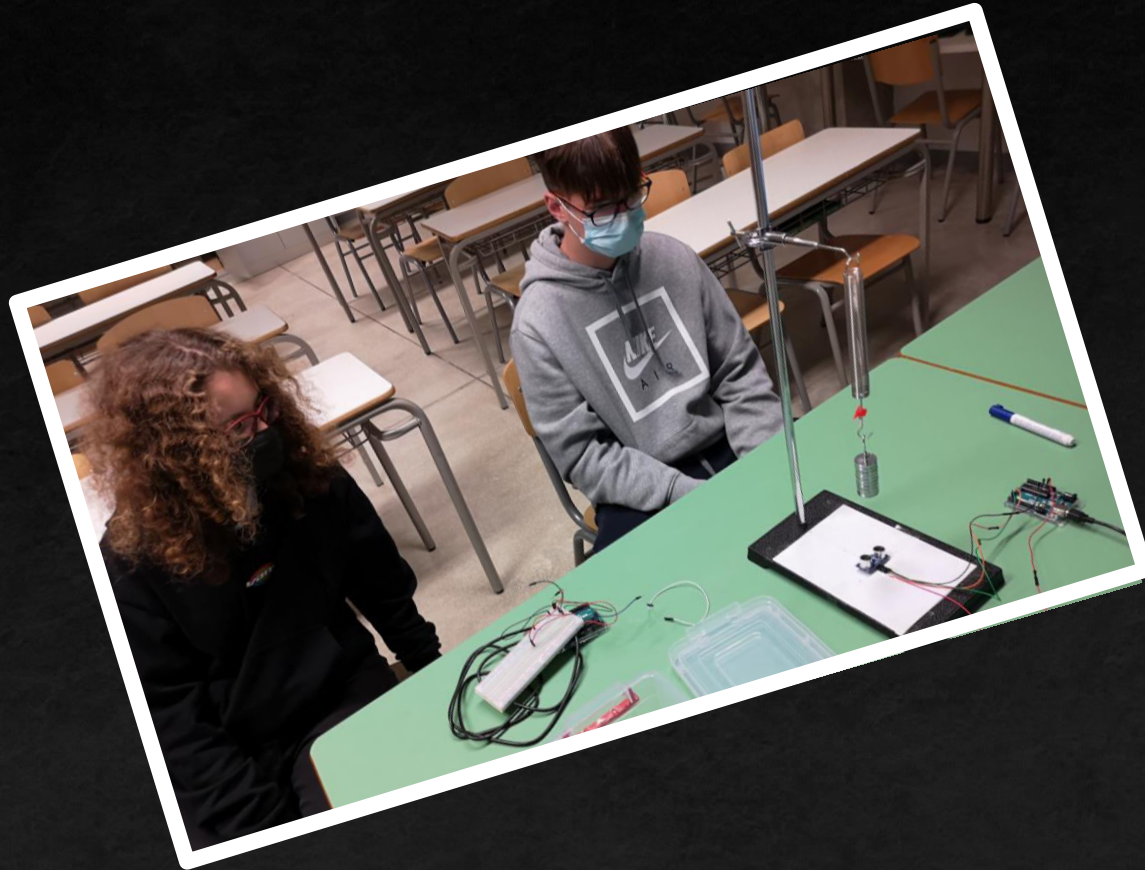
This particular way of learning helped me because I became involved and worked on the realization of the project that I had to carry out.



Building My Future



Building My Future



I learned how to work with my classmates, how to be patient, how to handle problems calmly.

