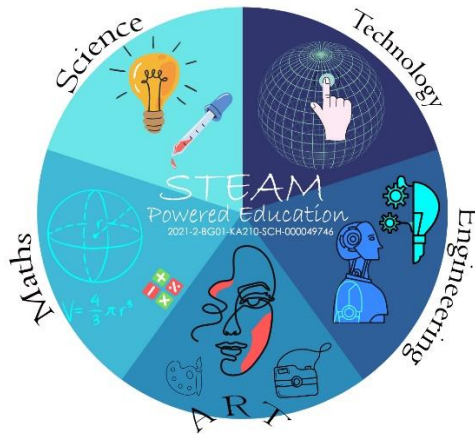


Report on a virtual mobility organized by Turkey

as part of the Erasmus+ project Steam-Powered Education

2021-2-BG01-KA210-SCH-000049746



Elementary School “Branko Radicevic”, Bujanovac, Serbia

In the research work, students learned what the concept of a wind rose is, they looked for data about the wind rose from our region, they presented wind as a renewable energy source, they researched about wind farms in the world and in our country.

They learned about the importance of building wind farms and using natural resources to convert natural resources into electricity.

In the end students connected ART and SCIENCE by drawing wind roses and wind turbines.



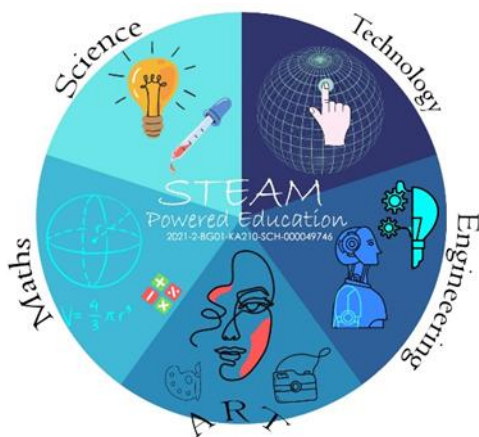
The second topic included simulating movements using an interactive "ladybug" in various applications where students gained prior knowledge about vectors and movement.

Students drew and interpreted position, velocity and acceleration vectors for an object moving in 2D, observed how velocity affects position and how acceleration affects speed.

The mobility lasted two weeks and ended with a Kahoot quiz and evaluation.

Although the technical capabilities of our school are modest, the teachers find a way to motivate students to do research work, while the students have shown that this way of working intrigues them, that technical shortcomings can be overcome with good ideas and will, and that our students confidently keep up with the times and improve their skills and knowledge with the support of teachers.

The idea was to use phones for educational purposes. The fact is that students spend too much time using phones, so we wanted to show them a wide range of using both the device itself and many free applications, as well as the Internet as the biggest source of information.





Results of an evaluation form

Elementary School “Branko Radicevic”, Bujanovac, Serbia



Just like in our previous virtual mobility, students loved the part of searching for information and making presentations, and they loved checking their knowledge on Kahoot quiz. They were thrilled about simulating movement activity and using 2D application as well as that was something they've never done before and they've never had a chance to study physics that way.

Dissemination of the mobility was done via social networks, through the website and via media. The works were also disseminated via official school's Facebook page and school's website.

Apart from that, the whole town and the region are aware of our project mobility as our works have been presented through local and regional media newspapers and online portals.

<https://www.vranjenews.rs/news/%C4%91aci-iz-bujanovca-i-turske-sara%C4%91uju-na-projektu-obnovljivi-izvori-energije-u-fokusu>

Our project website is being promoted on these internet portals as well.