

MOBILITY OF TURKEY ON 28 NOV-02 DEC 2022

Programs :

What 's scratch ?
What' aurdino ?
Robotic

The program of Scratch is graphical programming language in which we can combine various tools such as pictures, sounds, music of fun wargame ,design our own animations, computer games or tell and share long stories. It also encourages children's problem solving time to develop their own individuals by thinking calculating and calculating , in consuming and productive way of cause and effect consumption.

Aurdino is a micro controller platfrom with open source software and hardware. with aurdino , we can read the data from the sensors and control electronic devices according tot his inputs, for example, we can flash the LED sor start the motor. This platform consists of a card with a microchip and a programming this card.

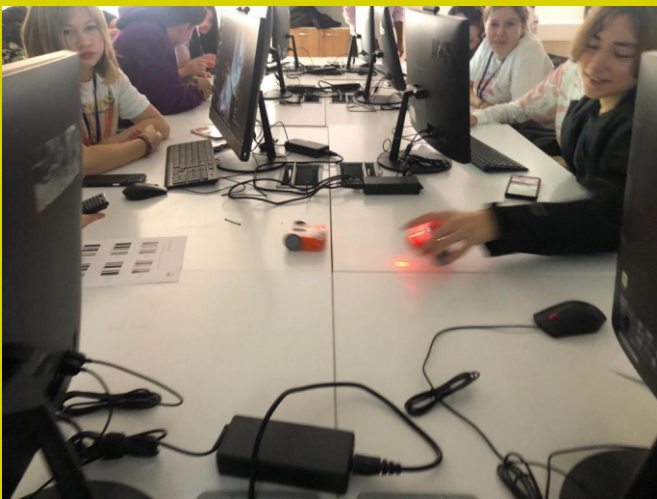
In Turkey mobiltiy We tried to teach this programs to our students.Thanks to this kind of stem projects, the students will be able to understand how necessary and important of science and techonlgy in their education.



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AURDINO
SCRATCH
ROBOTIC
SCRATCH AURDINO

On the first day in Turkey mobility, the students learnt the program of scratch with the help of an expert teacher. They had knowledge about the scratch program. All students coming from different countries were very curious and also during the education were every active. Students were asked to work in mixed groups , so they could communicate with each other more quickly. In this workshop they designed simple level digital game by cooperating with eachother.

In the break times, we presented our traditional cookies. At the end of the day we took the students and the teachers to the Marina. In there ,there are lots cafes , shopping centres . Our students accompanied to the students while they were walking around.



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On the second day ,we went on doing workshop activites, with meet Edison and in bot robots, workout is done by coding. Then block coding applications were made with the microbit development board, and then rock paper scissors game was coded then small snacks after snacks, lego workshop was done .



In the afternoon , cultural excursion to the Mladen 's castle was organised with help of a guide. During the excursion, the Guide gave information about the castle. All of our guests listened the guide very carefully and were fascinated its interesting story.



On the third day, we went to Cappadocia. They were really affected from this natural city. That also had a chance to taste traditional meals. As a teacher I think that this kind of Erasmus project's plus side is cultural interaction. During the week, both students and teachers had a good relationship. Turkish students hosted their guests and accompanied them on the excursions.



On the fourth day, the use of the Arduino development board was explained. Applications such as led burning, sequentialised, trafficlight were made together with the students. At the end of this workshop students learnt how electronic devices can be controlled easily .In additon ,they learnt where they can use this software in their daily life. In my opinion, this is one of the best examples of using ' STEM' in our education system. Using this kind of techonology in our education will develop students creativity and imaginations.



After this workshop, another cultural excursion was hold. We took our guests to the famous waterfall in Tarsus. It has a magnificent scene ,so every one admired to this view. After visiting waterfall, we visited St.Poulwell. StPoul, who was born in the realm of christianity is of great importance.StPoul is said to have belong to is believed to be healingwell ,so is frequented by many tourists. Our guests also were really affected from this cultural place and they left from here with a great admirations.

On the last day, computer -free coding activity was done with the Beebot Robot. Then, a computer-free coding event was held with Makey Mokey,where we also studied conductors and insulators.Finally, simple smart systems were designed using ready-made coded modules (sensors,led , motors,etc.)with the twin science set,and aoutonomus vehicle design was made twin science set at the end of the workshop. During all this workshops all students were active and we reenthusiastic.



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After finishing the workshop activities, certificate ceremony was held. All countries teachers and students explained their feelings about the week. They said they had a magnificent time in Turkey and added turn to their hometown with a good memories.

Our coordinator teacher Mr. Ali thanked them for their participation and then delivered their certificate. After the ceremony, the counties gave each other special gifts from their own countries. At the farewell dinner, we said to each other goodbye and hope to see each other again soon. Students opinions about the mobility of Turkey ; I was very grateful for being part of this amazing Erasmus project. Thanks to this project I had an opportunity to learn lots of variety of educational activities. Also I could interact with students of different nationalities.

Hüsna ÇOBAN

During the week I was very happy to host our guest. Because I had a chance to introduce our country, our culture and our language. In addition, our education was very informative and fun. I'm very happy to being a member of this project.

Cennet MERAL

I feel myself very lucky to take part in such a beautiful project. Furthermore, meeting new people was nice experience for me. I think I will be in touch with most of them. Not only I met new people in this project but also I learnt lots of useful information.

Ahmet Kemal ZENGİN

Teacher Opinions about the mobility

As a coordinator of this project, I'm very proud to be involved in such a project. As a requirement of interdisciplinary education, we should include such projects in our education, so that our students will be able to think more scientifically and their creativity will develop. Also, it was very exciting to carry out this project with different countries. Thanks to this project we found a chance to introduce our culture and language to other countries. I hope we will go on working on this kind of projects.

Ali ÖZDEMİR (Coordinator)

I was really happy to take part in such a successful project. Especially, meeting new people was indefinable motion for me. Everyone was so kind and patient. Sharing our culture, language and information with each other was wonderful. It was a very informative and fun week for me. To sum up, I think that we should include 'STEM' projects more in our education.

Canan TANRIVERDİ (English teacher)



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SCRATCH AURDINO