



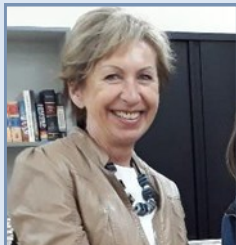
STEM in Education

Number 2

11.09.2021

Coordinator's Words

Covid19...the whole world is being affected and so is our project. Due to strict restrictions, we were not able to realize three physical meetings and had to extend the project by one year. But despite all the difficulties that the pandemic has brought, our work has not stopped and we keep on project working. Our Italian partner prepared a series of online workshops and seminars which were more than interesting and useful. In spring we started to plan especially new schedule for remaining activities. And finally in September we were able to meet again in person in Trento though we missed our partners from Edremit and Trondheim. Due to our strong partnership, we can carry on project activities.



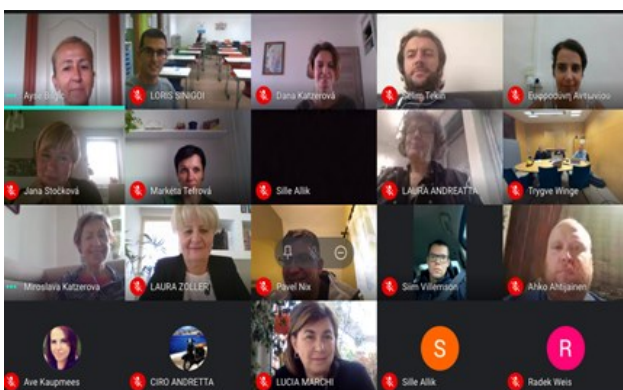
NEWS!

ON-LINE WEBINARS & VIRTUAL MEETINGS

ITALY

"Despite the COVID-19 health emergency, that has strongly impacted international mobility and forced the cancellation of Italian staff training planned in March 2020, we continued with STEM IN EDUCATION project. With the essential contribution of Chemistry teacher Loris Sinigoï and IT teacher Laura Andreatta, we organized four training webinars for the five partner countries. The main purpose of the webinars was to maintain contacts during the pandemic, while strengthening the teaching skills useful for the development of STEM lessons. The webinar meetings were held online on the GMeet platform. At the end of each webinar, the participants filled out a satisfaction questionnaire on the activity carried out. In all four cases, the feedback was extremely positive. We can conclude that all countries joined the activity with enthusiasm and active participation."

Leonarda Raffoni, Italian Team Coordinator - Istituto Tecnico Tecnologico M. BUONARROTI, Trento.



EVALUATION WEBINAR SERIES

First on-line Teachers' Training 21st Oct. 2020

Topic: SOFT SKILLS EVALUATION

Considering the persisting of COVID-19 emergency and the need to maintain contact and relations among the entire project group, during Oct. 2020 the Italian delegation proposed an online teachers' training. The meeting, other than reinforcing the group spirit, had the additional aim of producing a soft skills evaluation grid, one of the project outcomes.



Second on-line Teachers' Training 28th Jan. 2021

Topic: PEER TO PEER EVALUATION

On Thursday the 28th of January 2021 the Italian team organized the second online teachers' training related to the evaluation process. After the training about evaluation of soft skills, this second seminar focused on peer-evaluation. Participants trained themselves on this innovative practice crucial to lead students to enhance their learning, motivation and responsibility. A new grid useful for peer to peer evaluation has been created.



Third on-line Teachers' Training 23rd Mar. 2021

Topic: SELF EVALUATION

In this third webinar participants focused on self evaluation and its recognized importance in order to make students reflect on their own skills and become aware of their learning progress. The aim was to highlight how self evaluation provide insight into students' true comprehension and can help to identify gaps into students knowledge. Moreover, self evaluation encourages students to examine their own learning and levels of understanding, identifying areas that require improvement. One of the outcomes of the meeting was to experiment self evaluation process on our own improvement.





STEM in Education

Number 2

11.09.2021

NEWS FROM PARTNERS

EVREN ONGUN ARAYICI, Abidin Pak Pakmaya Anadolu High School

Physics teacher Evren Ongun Arayıcı has been the leading member of STEM team in our school. He worked with senior classes just before Covid-19 Pandemic hit and forced school closure in March 2020. With the help of international teams during C1 STEM teacher training event in November 2019, he developed 2 STEM lesson plans: "From Electrons to Electric Motors" and "Windpower".



He, then, piloted these two lesson plans in our school's 11 th B class in November that year and February. Approximately 20+ students joined his STEM based lessons for 4 hours in total. In both lessons, together with their group members, students were interactive and developed basic small electric motors and wind powers from scratch. Students even had a small car race with their new models at the end of the lessons!

English teacher Sezen Ozan Gurkan is working with students on robotic and coding in STEM project. She organized a STEM and coding training for our students in June, 2021. She and 5 of our students participated in STEM/coding training in Edremit STEM Robotic Education Center. Our students and STEM teachers are looking forward to working with their international team mates again in coming days.

M2 - TRANSNATIONAL MEETING

2nd TRANSNATIONAL PROJECT MEETING, TRENTO, ITALY SEPTEMBER, 2021

The M2 transnational meeting was held in Trento (Italy) from 6th to 8th September 2021.

Hosting School: Istituto Tecnico Tecnologico "M. Buonarroti", Trento, Italy.

One coordinator from each partner school joined the meeting in presence or on-line. Coordinators from Turkey and Norway were connected on GMeet due to COVID-19 .



The tasks of the meeting were the following:

- reviewing created lesson plans (completeness, united naming);
- checking the quality of lesson plans according to the Quality Assurance Plan;
- reviewing the structure of final lesson plans (tests/exercises and evaluation as an integral part of each lesson plan);
- finalizing the e-Book content;
- designing the form of Methodological Guide;
- reviewing regular reports;
- planning ongoing activities and procedures (eBook pilot testing, preparing Project for students, preparing International competition for students)

IT WAS BEAUTIFUL TO MEET AGAIN!



PROJECT INFO

Project name: STEM in Education

Registration number: 2019-1-CZ01-KA202-061111

Coordination school: Střední průmyslová škola chemická Pardubice, SPŠCH, CZ

Partner Schools: 6 Schools

Střední průmyslová škola chemická Pardubice, SPŠCH, CZ

BYÅSEN VIDEREGÅENDE SKOLE, NO

ITT BUONARROTI, IT

VALGAMAA KUTSEÕPPEKESKUS, EE

ABİDİN PAK PAKMAYA ANADOLU LİSESİ, TR

KES COLLEGE, CY

Project Duration: 01/09/2019 – 31/08/2021

Project website: <https://stemka2.wordpress.com>

Project facebook: https://www.facebook.com/groups/261812914706053/learning_content/

Project e-twinning: <https://twinspace.etwinning.net/98143/home>