

NEWSLETTER 2 | April 2023

# E-STEAM ON THE CLOUD

ERASMUS+ KA2



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What has happened  
during the last  
months ?

Read our newsletter  
to be updated to  
the latest news

Universitat Jaume  
I de Castellon,  
Castellon de la Plana,  
Spain

European School  
of Brussels IV,  
Brussels, Belgium

Fundatia  
professional  
Targu Mures, Romania

VSI INOVACIJU  
BIURAS  
Vilniaus, Lithuania

Orizzonti Società  
Cooperativa  
Sociale  
Padua, Italy

Liceul Vocational  
de Arta,  
Targu Mures, Romania

## E-STEAM PROJECT

It concerns with gender equality in secondary and upper-secondary education and aims at contributing to increased capabilities to reduce stereotypes by developing a series of innovative and interactive materials, tested through a behavioral science lens for their potential to increase equality by amendment of practical everyday skills and social norms regarding attitudes and stereotypes in teaching STEAM.

# Targu Mures – Romania

## Targu Mures – Romania

20th-21st October 2022



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For the second transnational meeting, we were hosted in Romania, in the charming town of Targu Mures, within the historic Transylvania region, with its medieval castle and quaint little cafes. This is the headquarters of two of our Project partners, Professional Foundation and Vocational Art School, who welcomed us warmly and enthusiastically. As well as an intensive discussion on the planning of future project activities, we addressed in depth the issue of gender stereotypes in teaching STEAM subjects. We agreed to work on four stereotypes, considered the most representative, to develop Lesson Plans for teachers who will be part of the Training Program, our first project outcome, namely:

- Stereotype 1 - Girls are less interested in STEAM subjects than boys
- Stereotype 2 - The results obtained by a boy in STEAM are due to his quick mind rather than to study, while girls reach the same results, or better, thanks to constant engagement and effort



20TH-21ST  
OCTOBER 2022

- Stereotype 3 - Hard science is still profoundly associated with masculinity as most of the jobs in the STEAM take place outside of a lab
- Stereotype 4 - Women are not successful in STEAM careers like engineering, science research, STEAM professions



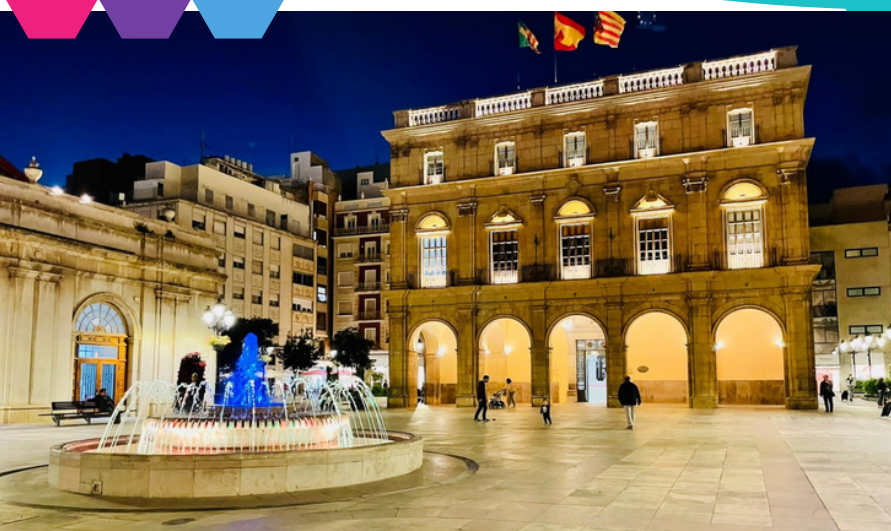
For three days we participate in a Training for deconstructing the stereotypes and biases for including more girls in STEAM, hosted by our Spanish partner the University of Jaume I in the charming and warm Castellon de la Plana. Dazzled by the Gothic-style Concatedral de Santa Maria, E-STEAM project partners and several teachers and professors, had the opportunity to experience and confront training methods for STEAM and GENDER trainers, and pilot training activities to be implemented in the four European countries of the project (Belgium, Italy, Romania, Spain), and to establish a network among trained professionals and organizations.

Each partner had the opportunity to present its own in-depth lecture on the topic, and this allowed for engaging debates and discussions. Topics touched on varied from gender differences, first-person testimonies from a young scientist, workshops dedicated to gender stereotypes, and the creation of unedited content.

Participation in the training involved not only cognitive but also metacognitive experiential training. In order to move from knowing to knowing how to do, time was set aside for self-reflective review and constructive criticism of the entire course.



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## LTTA in Castellòn-Spain

16th , 17th, 18th November

...the way in your head, experience  
and define your gender based on how much  
you align or don't align with what you  
understand the options for gender to be.

### Attraction

Is there any kind of person looking at you  
or not at you? Is there some group  
in school, religious, only or other way,  
often categorized with gender?

### Sex

Is the person to who you're born with or during time  
we think of as "sex characteristics," is sex at the  
time you are assigned at birth.

Gender Expression  
→ Femininity  
→ Masculinity

### Anatomical Sex

♀ → Female-male  
♂ → Male-male

Interacts along this spectrum between  
pink, blue, brown, white, pink.

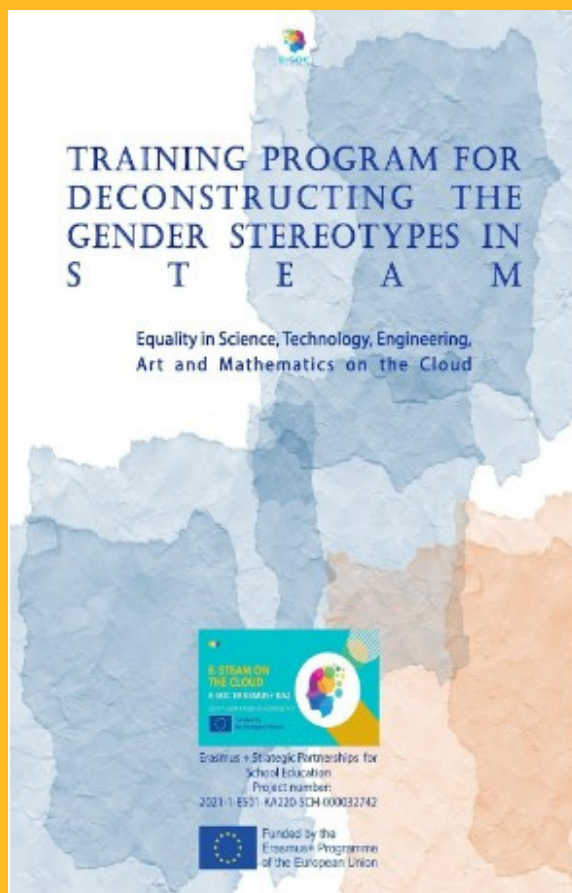
### Sex Assigned At Birth

Female  Intersex  Male



# Project Result I:

Training Program for deconstructing the gender stereotypes in STEAM offering ready-made lesson plans



STAY  
TUNED

Visit our project website (<https://esoc.uji.es/>) to be up to date on new developments and products of the "E-STEAM on the Cloud" project!

After long months of intensive work with the involvement of experts, our first project result is finally ready!

This is a Training Program that simultaneously builds digital competences, gender balance in STEAM and an understanding of the stereotypes in the secondary and upper-secondary education, defining and testing suitable training for teachers to help them develop skills for how to use online and blended teaching for involving more girls and motivate them for STEAM subjects.

This Training written primarily in English, is about to be translated into the different languages of the partner countries (Italian, Spanish, Romanian and French). Developed in a E-BOOK that will be available soon in our project Platform, it will be delivered also during upcoming Multiplier Events via USB card.



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