

## Title of BIP: .BIP for STEAM teaching, including digital skills, with gender perspective.

General information
<p><b>Objectives and Description:</b></p> <p>This training program is designed with careful consideration of the significance and influence of incorporating a gender perspective when teaching any STEAM discipline and training on digital skills to young children.</p> <p>The aim of the BIP is to provide participants with specific training that enable them to facilitate the teaching of any STEAM discipline in primary education, with a focus on fostering inclusion.</p> <p>During the BIP, organized by some Universities of the UNITA Alliance, discussions will center on different educational systems across European countries, methods for structuring teaching activities and strategies for improving the instruction of STEAM and digital skills within schools.</p>
<p><b>Methods and outcomes:</b></p> <p>The course will combine lectures and workshops, together with autonomous work by the participants and presentation of the final results.</p> <p>Most of the activities will be dynamic ones with participation of the participants.</p>
<p><b>Field of Education:</b></p> <p>Education, training, psychology, science, engineering, communication and any related field</p>
<p><b>Target audience / Participants profile:</b></p> <p>Students of bachelor, master or PhD, in any of the fields above, together with researchers and teaching staff on the same fields.</p>
<p><b>No of ECTS issued:</b></p> <p>3 ECTS</p>
<p><b>Language of instruction and requirements:</b></p> <p>English</p>
<p><b>Dates for physical activity:</b></p> <p>May 20th to 24th , 2024</p>
<p><b>Location of physical activity:</b></p> <p>Universidad de Zaragoza, Campus San Francisco (Zaragoza, Spain)</p>
<p><b>Dates for virtual component:</b></p> <p>BIP for STEAM teaching. On line training</p> <p>Wednesday, May 8<sup>th</sup>, 13:00 – 15:00 CET (Session will be recorded)</p> <p>Link to the on line Session: <a href="https://meet.google.com/rnm-ndyx-edc">https://meet.google.com/rnm-ndyx-edc</a></p> <p>Wednesday, May 29<sup>th</sup>, 13:00 – 15:00 CET</p>

Thursday, May 30<sup>th</sup>, 13:00 – 15:00 CET

### Virtual Component Description:

First session will be devoted to present the BIPs aims and focus the work, two others will be dedicated to present the final work of the participant and discuss about the result. Each participant would have to present shortly or with a video the application of the training to a specific context, assistance and teachers would discuss about benefits and drawbacks, together with ideas to improve it.

### Organizing Board

#### Receiving/Host university:

**University of Zaragoza**, Spain (María Villarroya Gaudó, mvg@unizar.es)

#### Sending/Partner universities:

**P1, University Vest Timisoara (Romania)** (Alexandra Fortis, alexandra.fortis@e-uvt.ro)

**P2. University Beira Interior**, Portugal (Maria Eugénia Ferrao, meferrao@ubi.es)

**P3. University of Torino**, Italy (Rosa Meo, rosa.meo@unito.it)

### Detailed program

#### 1. Planned activities during virtual component:

Session 1. May 8th, presentation of the BIP: definition of the objectives and dynamic, statement of the presence, absence of women

#### 2. Planned activities during physical component: May 20th- 24th.

Timetable of every day will be

Session 1: 9:00 to 11:00

Break

Session 2: 11:30 to 13:30

Lunch break (Lunch will be free for participants coming other Universities)

Session 3: 15:00 to 17:00

The content of the sessions organized in lectures and workshops will cover following topics

- State of the art: Perception and Intention of young learners towards STEAM and digital Skills including general situation, PISA results, stereotypes impact and other topics
- Status of the STEAM teaching and digital Skills training and ways to improve it: Presentation of the situation on different countries.
- Communication with gender perspective: as the way to communicate is quite important.
- Actions to promote more gender balance and diversity in STEAM, with specific successful examples.
- Evaluation of the impact, examples of techniques used to evaluate the impact of the actions, to measure the status before and after the activity and to ensure that the innovation has been succeeded

Detailed program will be published soon and sent to all the participants.

#### 4. FINAL activities during virtual component:

Presentation of the tasks developed by the assistance. Wednesday, May 29<sup>th</sup>, 13:00 – 15:00 y Thursday, May 30<sup>th</sup>, 13:00 – 15:00, Link to the on line session: <https://meet.google.com/rnm-ndyx-edc>

**Application procedure on each University:**

**Deadline for receiving list of participants at relint@unizar.es: April 8<sup>th</sup>.**

Up to 12 participants per institution are welcome. Maximum number of participants 60.

Preparing the Attendance to the University of Zaragoza

How to arrive to Zaragoza: <https://www.unizar.es/institucion/conoce-la-universidad/como-llegar-zaragoza>

The venue will be in Campus San Francisco. C/ Pedro Cerbuna, Zaragoza. (Building to be confirmed)

Some hotels offer especial prices when coming to events organized ta the University: further information here <https://vgeconomica.unizar.es/sites/vgeconomica/files/archivos/0.Listado%20Hoteles%20Concer-tados%20%20ZGZ%202024v2.pdf>

The city of Zaragoza has offer information about accommodation here: <https://www.zaragoza.es/sede/portal/turismo/zcb/organiza-tu-evento/servicio/empresa-zcb/?idepigrafe=4>

Other addresses for accommodation in residences and hostels here:

Residencia Nodis: <https://nodiszaragoza.greenlts.es/>

Residencia Xior: <https://xior.es/xior-residencia-estudiantes-zaragoza/>

Residencia Pigantelli: <https://www.residenciapignatelli.es/>

Hostal Ávila: <https://www.elhostalavila.com/>

**ESTUDIANTES DE LA UNIVERSIDAD DE ZARAGOZA**

**Nº de plazas (sin ayuda económica): 12**

**Requisitos:**

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