

# STEAM activities with KIKS format

Zaira Ortiz Laso ([zaira.ortiz@unican.es](mailto:zaira.ortiz@unican.es))



[www.opensteamgroup.unican.es/](http://www.opensteamgroup.unican.es/)



Open STEAM group



@openSTEAMgroup

# Open STEAM Group

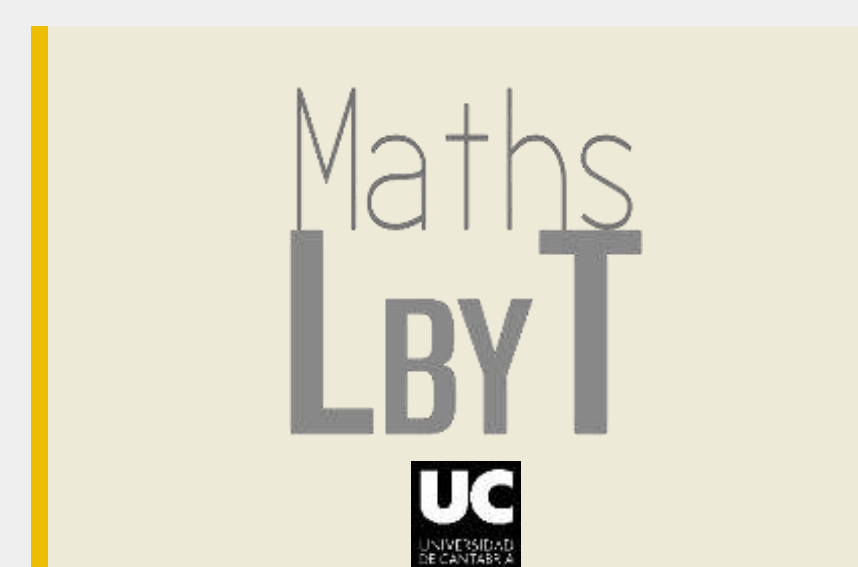
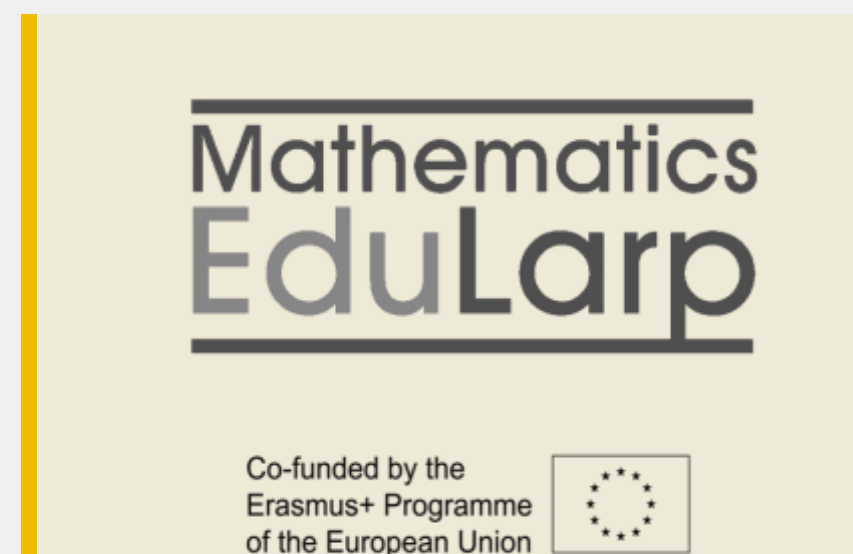
Open STEAM is a research Group based at UC and focused on the teaching and learning of mathematics through a STEAM-based approach. Researchers and teachers from different universities and schools collaborate aiming to promote student motivation and learning.

OPEN STEAM GROUP



# Open STEAM Group

## PROJECTS



Open STEAM group has led the evaluation of the projects

# Implementation

## + 2500 Secondary Education students

Students who follow the regular curricula

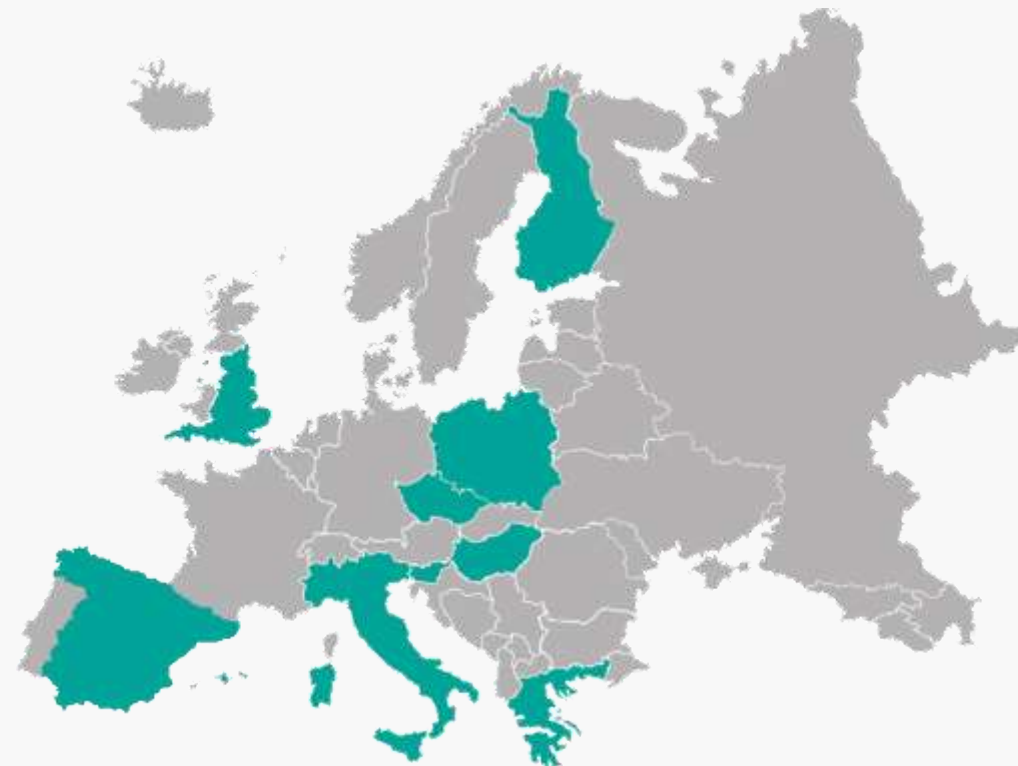
Students at risk of exclusion

## + 140 Secondary Education teachers

Teachers with different teaching experience

Teachers from STEM and non-STEM disciplines

We have implemented  
STEAM activities in



# STEAM Activities with KIKS Format

## CHARACTERISTICS

- Students work in groups of 3-4 members
- Generally, they solve the activity in English
- They develop a text document and a video

Development



- They show the STEAM activities to a variety of audience in different occasions:
  - Outreach activities
  - Conferences
  - Videoconferences

Dissemination



# Results

Students develop their key competences highlighted by the European Union and the Spanish curricula





# Many thanks!

Zaira Ortiz Laso

[zaira.ortiz@unican.es](mailto:zaira.ortiz@unican.es)

OPEN **STEAM** GROUP



@openSTEAMgroup



[www.opensteamgroup.unican.es/](http://www.opensteamgroup.unican.es/)

 Open STEAM group