

## Improving STEM learning experience in primary schools through a steam-based multidisciplinary approach

### The project

STEAM-H is an Erasmus+ KA201 project -Strategic Partnership for the Development of Innovation in School Sector. It has officially started in December 2019 and will last for 31 months.

The STEAM-H project intends to create educational material for teachers and educators in order to implement STEAM-based multidisciplinary approach in primary schools to improve student learning experiences and teachers' ability to deliver them effectively.

In this newsletter you will find the project information in a nutshell and the description of the activities carried out so far.

### The results

#### 1 >> First intellectual output: Competence Map

A competence map identifying the competences acquirable by students with STEAM activities.

#### 2 >> Second intellectual output: Open Educational Resources for Teachers

An online repository of resources for teachers with tools, technologies and information to design and implement STEAM activities.

#### 3 >> Third intellectual output: Teacher Training Programme

A modularised training programme to promote primary teachers' proficiency in implementing inclusive processes for students through STEAM approach.

#### 4 >> Four intellectual output: Pedagogic Handbook

A handbook with practical information and activities to implement with students in order to improve engagement in STEM studies.

### PARTNERS:

Steam-h activities are implemented by a consortium composed of eight partner organisations from four different European countries: Italy, Germany, Spain and Ireland.

### CONTACTS:



**Co.Meta srl**  
[www.consultingmeta.it](http://www.consultingmeta.it)  
 email: [info@consultingmeta.it](mailto:info@consultingmeta.it)



**ByLinedu**  
[www.bylinedu.org](http://www.bylinedu.org)  
 email: [contacto@bylinedu.es](mailto:contacto@bylinedu.es)



**Talent srl**  
[www.talenteducation.it/](http://www.talenteducation.it/)  
 email: [talent@weturtle.org](mailto:talent@weturtle.org)



**STEAM Education LTD.**  
[www.steam-ed.ie](http://www.steam-ed.ie)  
 email: [info@steam-ed.ie](mailto:info@steam-ed.ie)



**FabLab München e.V.**  
[www.fablab-muenchen.de](http://www.fablab-muenchen.de)  
 email: [info@fablab-muenchen.de](mailto:info@fablab-muenchen.de)



**Primary school Lehrer-Wirth-Str.**  
[www.glw.musin.de](http://www.glw.musin.de)  
 email: [gs-lehrer-wirth-str-31@muenchen.de](mailto:gs-lehrer-wirth-str-31@muenchen.de)



**La Nostra Scuola Comarcal**  
[www.lacomarcal.com](http://www.lacomarcal.com)  
 email: [informacio@lacomarcal.com](mailto:informacio@lacomarcal.com)



**I.C. "Simone De Magistris"**  
[www.iccaldarola.edu.it](http://www.iccaldarola.edu.it)  
 email: [mcic80300a@istruzione.it](mailto:mcic80300a@istruzione.it)

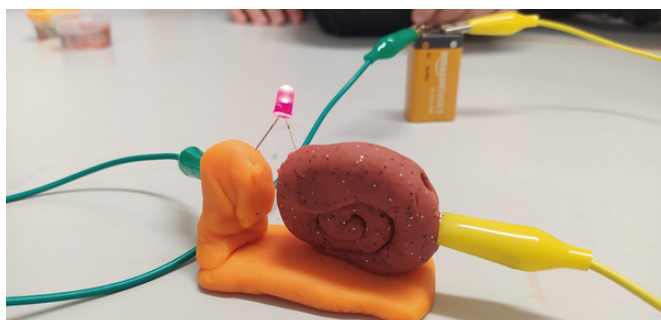
# Activities carried out

## Pedagogic Handbook

STEAM Education, supported by all partners, has elaborated the sections of the handbook and produced the draft version, for testing in each partner country.

## Pilot Testing 2

The Pilot Testing 2 was held in each partner country from January to March 2022. It was addressed to primary school teachers and students with the aim of evaluating all the Intellectual Outputs produced (IO1 Competence Map, IO2 OER, IO3 Teacher Training Programme, and IO4 Pedagogic Handbook) in each partner language (Spanish, Italian, English, German, and Catalan). A final report has been produced by Co.Meta collecting the strengths, the difficulties and the improvements suggested by the participants.



## Transnational Meeting in Valencia

The final transnational meeting was successfully held on 19-20 May 2022 in Valencia (Spain), organised by Bylinedu in cooperation with La Comarcal.

During the 2-days, the partners discussed the project results achieved so far and the last activities planned by the end of the project such as the improvement and finalisation of all Intellectual Outputs.



### Teachers' opinion from pilot testing 2...

"Some lovely ideas and lessons which are applicable to the primary sector" (IO1)

"You get new ideas about the different areas of STEAM activities. There is a big offer"(IO2)

"It provides great detail and insight into the STEAM process" (IO3)

"Lots of different activities to do, quick overview, easy to get materials" (IO4)

*If you are interested in STEAM methodology, you can join our group on E-Twinning platform. (STEAM-H VIRTUAL SPACE)*



[www.steamh.eu](http://www.steamh.eu)

 STEAMH.project

Follow us on the web using #STEAM\_H



Co-funded by the  
Erasmus+ Programme  
of the European Union