



# STEM-xhibitions

Aims to achieve creation of the new pedagogical methodology for the teaching & learning of STEM subjects in secondary schools in the EU



## STEM-xhibitions

STEM-xhibitions is an ERASMUS+ KA2 project with a consortium comprised of RDIUP (France), C.I.P. Citizens in Power (Cyprus), Media Creativa 2020, S.L. (Spain), Geniko Lykeio Proastiou Karditsas (Greece), and Srednja skola Ivanec (Croatia). It will be run from January 2023 until December 2024.

During these two years, it will aim to enhance interest, engagement and, subsequently, the performance of secondary school STEM students while promoting their transversal skills and public engagement in scientific Research & Investigation (R&I) through co-creation methods. Furthermore, the STEM-xhibitions project aims to assist secondary schools in integrating a methodology whereby student interest, engagement and performance in STEM education is increased through their involvement in co-creating student-curated exhibitions on STEM topics.

### The project's General Objectives are:

- To engage and enhance interest in improving the performance of secondary school STEM students
- The promotion of skills & public engagement in scientific Research & Investigation through co-creative methods
- The creation of new pedagogical methods for teaching & learning STEM subjects in secondary schools by an integrated approach utilising interactive digital tools to ignite student interest & engagement
- To combine scientific knowledge with creative practices in realising student-curated art exhibitions based on the STEM topics provided while incorporating co-creative learning methods.

The Work packages of STEM-xhibitions will be the following:

( 1 ) A Pedagogical E-book “The Benefits of Student Curated Exhibitions in STEM Teaching and Learning, utilising methods of Co-creation”

( 2 ) STEM Virtual Toolkit

( 3 ) Phygital Exhibition Implementation Guide

What we have been up to:



Following our kick-off meeting in January the consortium has been hard at work developing content for the Pedagogical E-book that we aim to produce as one of our work packages.

In the following months we will also be working towards the production of our STEM virtual Toolkit which will be aimed towards both secondary school teachers and students to teach them about the importance of RRI.

All of our work packages will be available in our website so make sure to stay tuned for future updates!

Consortium

RDI'UP



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