



## Collaboration in STEM Education



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# New STEAM activities with “THE INVENTORS” in the classroom

European project “IMPACT EdTech” evaluating the Portuguese start up (SME) “The inventors”, dedicated to the development of “educational kits” that inspire students in STEAM activities, through practical experiences where students are inventors.

The kits are designed to develop motivation, collaboration, curiosity and resilience. The main objective is to make this excellent teaching material known for use in the classroom, as well as to indicate the different approaches in which these kits can be used within STEAM activities.

Science on Stage is an ideal place for companies to show their products, which that have been tested and endorsed by teachers who have put them into practice with students. The results have been very positive with 90% positive evaluations.

In addition, the new activities designed develop most of the basic competences.



LA ALARMA PINZA THE INVENTORS



LA NUBE ELECTRÓNICA DE COLORES



Sintetizador The inventors



CATAPULTA DE THE INVENTORS

Conclusion: The STEAM materials and activities of “The inventors” are excellent for use in the classroom with students in late elementary and early secondary schools.

In addition, collaboration between companies and schools is essential for the development of new STEAM educational materials.