



# PhysicsKIT 4STEM

## Promoting Gender Equality in Science

### WHAT IS IT?

PhysicsKIT4STEM is an Erasmus Plus project that aims to foster the interest of young people aged 11 to 15 in Science, Technology, Engineering and Mathematics, especially among young girls, whose numbers are small in this field of study.



### WHY?

Over the period 2015-2017, if we look at the rate of women graduates from higher education in science, **Europe is not visible in the top 10**, with only one overseas territory of Netherlands, Saint-Martin. There is therefore enormous progress to be made.

### AIMS

PhysicsKIT4STEM aims to:

- **Strengthen the teaching skills** of STEM educators by offering a hands-on approach to teach physics through DIY electronic kits.
- **Advocate gender-balanced STEM classrooms** and **encourage young girls** to follow STEM subjects in future education and careers.



### OUR APPROACH

The project will **involve teachers from the start** for shaping the physics curriculum and for designing the PhysicsKIT elements and ingredients. The project provides teachers with a hands-on approach to teach physics through DIY kits, electronics and programming, powered by a Raspberry Pi computer.



**VISIT OUR WEBSITE FOR MORE INFORMATION!**

[www.physicskit4stem.eu](http://www.physicskit4stem.eu)



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