

# PhysicsKIT 4STEM

## Promoting Gender Equality in Science

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PhysicsKIT4STEM was created in order to address the gender inequality in STEM education.

Nowadays, education in sciences is more accessible than ever, and there is an increasing need for more skilled scientists in our society, but...

**Why so many young students have lost an interest in STEM-related subjects?**



## The problem

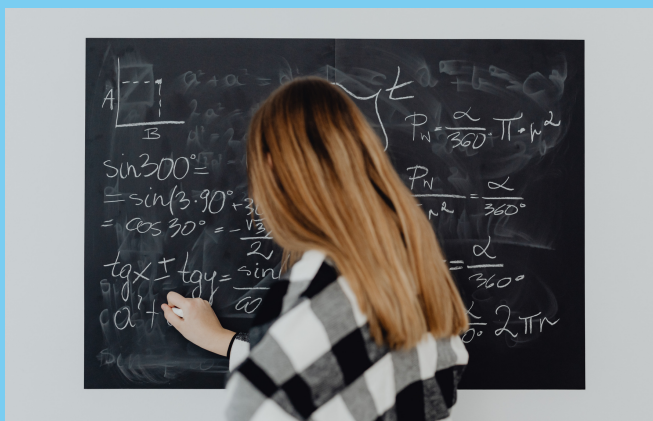
### Our current teaching methods

The issue must be addressed in secondary education.

Actions must be taken to increase stimulation, engagement and gender-balance in this area.

## The solution

PhysicsKIT4STEM aims to improve the **teaching skills** of STEM educators through an alternative hands-on approach to physics... by using DIY kits to learn electronics and programming by using a Raspberry Pi computer. It also aims to increase the **gender-balance** in STEM classrooms and the STEM industry in general.



## The way



- Putting together the developed curriculum, glossary.
- Instructions to assemble the Physicskit console consisting of sensors and a Raspberry Pi
- Lesson plans for each module
- The PhysicsKIT Club virtual space will provide access to all project results and infrastructure

**VISIT OUR WEBSITE FOR MORE INFORMATION!**

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

<https://www.facebook.com/physicskit4stem>



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