



#Tech4Cambodia

High Educational Impact Project



pasiona 

What #Tech4Cambodia is?

#Tech4Cambodia is a high educational impact project promoted by Pasiona through which a **robotics training** is performed. A whole program that includes from mathematics to teamwork. The course is addressed to teachers and students (15-18 years old) of La Llar d'Infants del Món centre in Cambodia.

We approach to them the access to technology and also provide them with the necessary skills to face their professional career; to ensure that they can own their future.



Cambodia's background



In the 1980s, devastated by the Khmers Rouge war, Cambodia had to restart in order to solve the lack of infrastructure, teachers, doctors, and other basic services.

Nowadays, young people who finish high school and go to the city to continue their studies, have to face the level of competitiveness of developed countries.

They need a basic training that prepares them for higher education and professional market.

That allows them to BE OWNERS OF THEIR FUTURE.

Cambodia's background



143

Among 188 positions, this is the one occupied by Cambodia in the Human Development Index (HDI)

37

Gross enrolment ratio (%) in high school

80

Percentage of children that the Cambodian government plans to enrol in school in 2018 (compared to 56.6% today)

*Data: Unicef, 2014

Project details



Robotics course



10 training days



Rohal, Camboya



2 teachers and 30 students



WeDoLego and Simple Machines

#Tech4Cambodia keys

1

Motivation

Better understanding of mathematics, physics and technology, subjects that they usually find boring and with which they feel uncomfortable. Awake their interest through assembling and programming of LEGO robots, technology that they have never seen or handled before.

2

Development

Developing creativity, imagination, motor and cognitive skills and critical thinking of students. Promoting self-esteem, collaboration, teamwork and empowerment.

3

Continuity

Sow the seed of a project with a vocation for continuity. The teachers of La Llar d'Infants will be trained to be able to carry on the training throughout the course, trying to incorporate robotics as one more subject in the educational plan.

Tools



LEGO WeDo

Thanks to # Tech4Cambodia project, the students of Llar d'Infants will access a technology that is unknown to them. They will be the protagonists, for once not spectators, of the process: from opening the boxes and touching the pieces until the robot comes to life.

Project performers



#Tech4Cambodia offers our students an unprecedented opportunity: access to technologies they did not even know and training that prepares them in their professional path. To be owners of their own future.

CLARA PLANET

#Tech4Cambodia teacher and Head of UX at pasiona

Project performers



“We are excited about the possibility that secondary and high school students could receive the benefits of a project so close to the philosophy of the Llar.”

LAIA VARA

La Llar d'Infants del Món Cambodja Volunteer Responsible

Project performers



“It will be a cool project because our students have never listened about it before. It’s a good opportunity and it will have a positive impact in their future.”

PIP SITHONG

Llar d’Infants el Món Cambodja IT teacher

Project performers



I love that new technologies come to this centre because I really want to learn about them. I cannot imagine what it will be like to work with robots, but the idea of students learning a new area excites me.

SOPHEA DUONG

Llar d'Infants el Món Cambodja Administrative and Account Officer

Pasiona



Software development consultant with 11 years of experience, a team with more than 150 members and a great orientation to training and RST (Social Technology Responsibility)

OBJECTIVE

Bringing technology where it is not accessible, favouring innovation and motivation for technological careers to be a reality.



Llar d'Infants del Món Cambodja



Llar Infants del Món Cambodja was born in 2003 as an orphanage and today gives access to education to more than 500 children and young people.

OBJECTIVE

To provide children and young people in the community with the educational tools to have a professional training and to improve their quality of life.



Infants del Món



La Llar Infants del Món Cambodja is a project of Andorran NGO Infants del Món, founded in 1999.

OBJECTIVE

Work for children, offering them a decent present to avoid social exclusion in his adult life, through sponsorship and scholarships



Communication



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