

# THE INVENTORS

## Workshop The Inventors || S+T+ARTS

La Biennale di Venezia - Carnevale Internazionale dei Ragazzi



June 2019

## Who we are

The Inventors is a Portuguese startup dedicated to the development of educational programs around STEAM - Science, Technology, Engineering, Arts and Maths - to empower a new generation of young inventors. Over 13 000 students have attended The Inventors' activities in Portugal, Spain, The Netherlands, Italy and the United Kingdom.

## Distinctive Aspects and Excellence

The Inventors has over 90 unique experiences based on educational kits developed in-house over the past three years. In the last year more than 1 800 children participated weekly in The Inventors activities in three different countries. The aim to participate in the Carnevale Internazionale dei Ragazzi was to bring to Biennale di Venezia all our expertise and experience in introducing children to Engineering, Arts and Creativity.

## Carnevale Internazionale dei Ragazzi

From February 23 to March 3, at Carnevale Internazionale dei Ragazzi, The Inventors, in association with S+T+ARTS, developed a series of activities for children of different ages. These activities were conducted based on one workshop developed by The Inventors which aimed to introduce children to electronics unifying with an educational kit the world of engineering and arts.

This workshop was divided in three parts:

Part I – Introduction to electronic circuits.

We explained what an electronic circuit is using a game where all the kids were in a circle holding hands. Then the participants with the help from the teachers, cut and glued different images of electronic components matching the name and the description of each component.

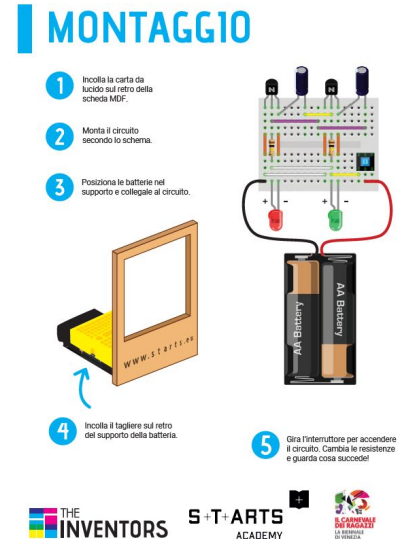


## Part II – Assembling electronic circuits.

After this introduction the participants assembled their first electronic circuit using a breadboard, a battery, a resistor and a LED.

## Part III – Assembling the The Inventors educational kit.

The educational kit that The Inventors developed at Biennale was the LED Blinking Lamp. This kit has an electric circuit with two LEDs that blink and a small frame that each kid personalized with his own creativity.



## Numbers and Impact

During the days of the Carnevale, The Inventors developed 22 workshops with more than 390 participants.

These workshops were conducted inside the Sala delle Colonne.

## The Inventors Partnership with Biennale

This activity would not be possible without the partnership between The Inventors and Biennale. The Biennale offer us three people per workshop of their own staff to help us developing these activities.

After introducing the staff to our methodology and our educational kits, these people were key to the success of the activities. It was a great experience to work with all of them.

## Final Remarks

It was a great pleasure to work at the Carnevale Internazionale dei Ragazzi and their staff and the possibility to conduct our workshops in a room like Sala delle Colonne was really something very unique.

E' divertentissimo e potrebbe diventare il mio passatempo. Il risultato e' magnifico. E' dissicuro un' esperienza da rifare!

E' STATO INTERESSANTE E DIVERTENTE. LO FAREI OGNI GIORNO SE POTESSI !!!

DIVERTITA  
OGGI MI SONO  
SENTITA CORAGIOSA

MI E' PIACIUTO MOLTO PERCHE' E STATO MOLTO DIVERTENTE.



