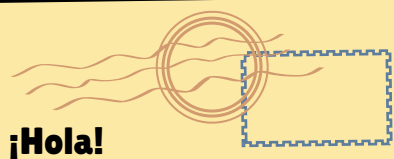




My experience during my volunteering activities with the ESC has been fulfilling and enriching. This has been a great opportunity to obtain relevant experience in Europe while doing cultural interchanges with people from all over the world.

I am passionate about social and economic development, and I love to share my knowledge and experiences with other people.

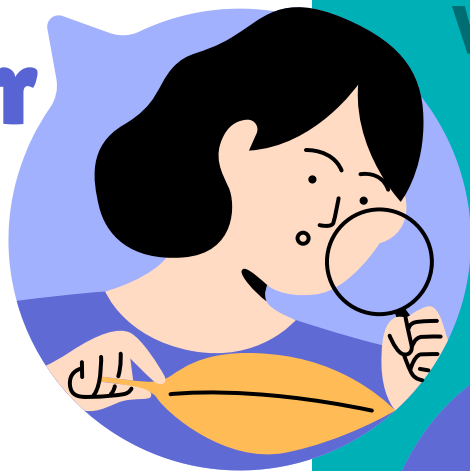
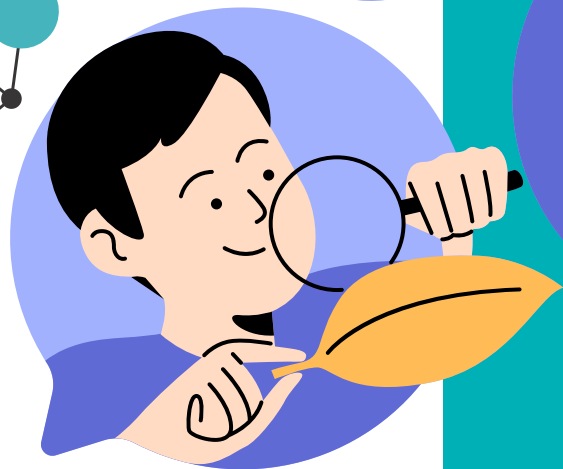


¡Hola!

My name is Yanelkis Fernández. I am from the Dominican Republic, and speak Spanish, English, Portuguese and Italian, "i trochë po polsku". I am representing Fondazione Antigóna, an Italian NGO.



Teach Empower Engage



WHY?

IT HAS GREAT BENEFITS FOR
THEIR DEVELOPMENT AND
PERFORMANCE, NOT ONLY IN THE
SCIENCE ARENA BUT ALSO IN
THEIR SOCIAL AND PRIVATE LIVES.

Develop
curiosity

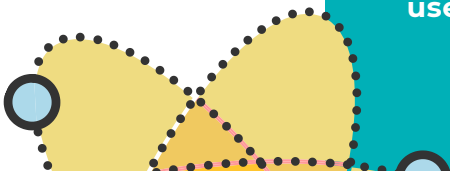
The children can
discover that they
have power over
their own learning by
using an
experimental
approach.

You know what?

**EMPOWERING KIDS IS
SIMPLER THAN YOU
THINK!**

No worries, we will provide some
useful tips and strategies to do it.

Science is important, and
teaching it to kids is even
more. Engaging them and
making them interested in
different science disciplines is
a challenge, but we will
provide some useful tips and
strategies here.



**EUROPEAN
SOLIDARITY
CORPS**



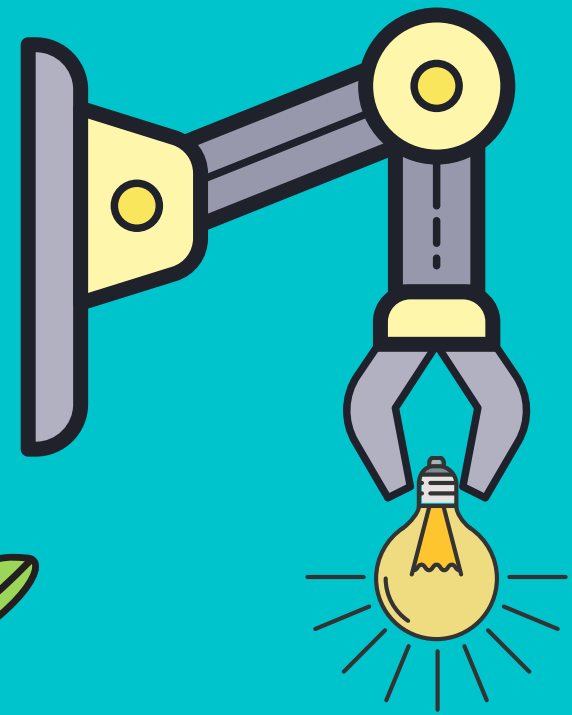
**Elaborated by:
Yanelkis Fernández-Molina**

WHEN DOING AN EXPERIMENT...

BEEP BEEP!
**USE REAL-LIFE
EXAMPLES AND
APPLICATIONS**

**Make them explore
the process:**

**Invite them to touch
(if safe), observe,
make hypotheses,
describe it**

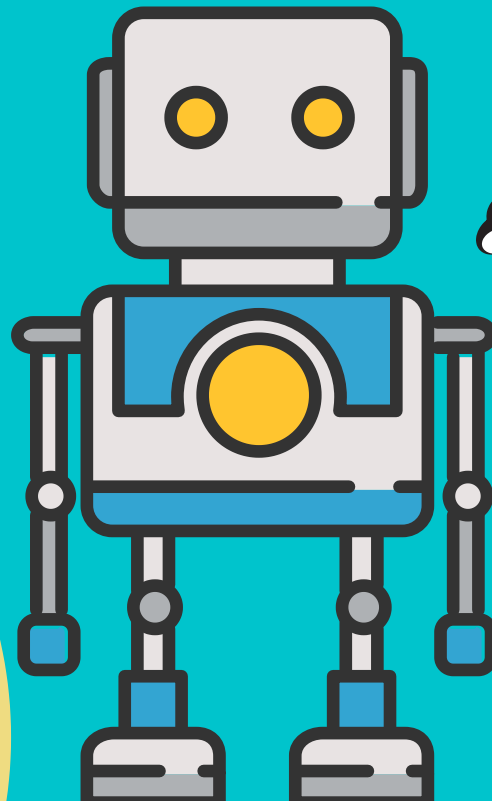


**It's important to give
them a bit of conceptual
background.**

**Don't be
scared, it can
be very simple,
but relevant.**

Ask them questions!

**You will be surprised
by how elaborate their
answers can be.**



LUNAR LANDER EXPERIMENT

Promoting and developing empowerment

1

The aim of this workshop is to promote creative, organizational, and independence skills by making them design, build, test, evaluate, redesign process of their own experiment.

2

STUDENTS WILL:

1. DESIGN AND BUILD A LUNAR LANDER WITH THE MATERIALS PROVIDED
2. TEST HOW IT WORKS.
3. REDESIGN, ADJUST, ADAPT THE DESIGN.
4. PRESENT RESULTS.

1. Explain the activity: show photos and videos about the different Lunar landers.
2. Write on the board the process of design, built, test, adjust, and present.
3. Present the materials.
4. Begin the activity.
5. Begin the test, evaluate and redesign of the lander.
6. Give them time to make the adjustments.
7. Have them present their experiments.

4

3

What do you need?

Literally, anything you can think of (ballons of different sizes, paper, straws, bubble wrap, bags, papers, carton boxes, skewers, scissors, ropes/string/cords, tape, etc.). The point is to provide them with different kinds of materials for them to use them in their design.