



# Terra Mission Challenge

40th Science Projects Workshop in the Future Classroom Lab

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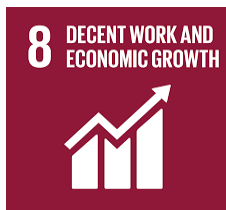
# Life Terra



Life Terra is a European initiative with the mission to restore our connection with the Earth and to enable people to take impactful climate action now. We facilitate tree planting, educate future generations, and develop tree-monitoring technology.



Plant trees. Grow forests. Restore Earth.



# What makes Life Terra unique



**Plant** *the right tree in the right place,*  
sharing knowledge and expertise



**Monitor** each tree planted with our  
unique platform to “tag your tree”



**Educate** future generations about  
sustainability and climate change



**Engage** communities in tree planting  
for large-scale positive impacts





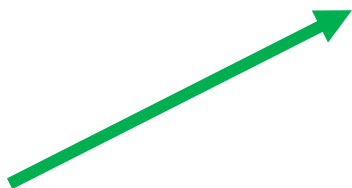
# Education





# Life Terra Guide for School Plantings

- This [guide](#) helps teachers to acquire all the knowledge needed to make tree school planting a meaningful and fantastic experience
  - Before, during and after the planting
  - **How to plan a tree step-by-step depending on the climate conditions**



## Guide for Life Terra School Planting

How to plant trees with your pupils	1
How to find land	2
How to select species	3
How to plant a tree step-by-step	4
How to tag your trees	6
Ideas for your School Planting	8
The Life Terra platform	9





# 2023 STEM Discovery Campaign Competition

## PLANTING WITH TERRA MISSION

Semih ESENDEMİR





## Let's plant for nature

- Emine Emir Şahbaz Science and Art Center, Eskişehir, Turkey
- 50 gifted Students (9-11 years)
- 6 teachers
- Plant **100 Cedrus trees** from the Pinaceae family







# Partnership

## Eskişehir Regional Directorate of Forestry



## Eskişehir Metropolitan Municipality







# Eskişehir Metropolitan Municipality Sapling Center Trip



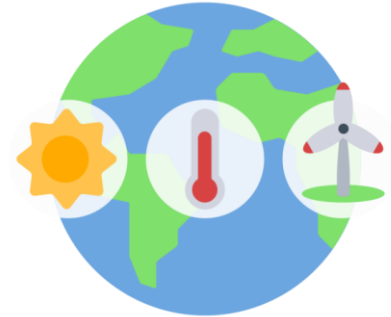




# City Forest Planting Event



# Terra Mission Educational Pack



English

Dutch

Italian

German

Portuguese











Greek

Spanish



- Designed for ages 8-10 and 11-14
- It consist of:
  - An introduction and a closing lesson
  - 8 themes
    - *Lessons for the interactive whiteboard with information, assignments and videos*
    - *Teacher guides, worksheets and answer keys*
- Themes are all interconnected but can be taught separately
- Easily adapted to different curriculums

## The 8 Themes

 <b>Introduction (ages 8-10)</b> <a href="#">Open the lesson</a>   <a href="#">Preview in the library</a> <a href="#">Teacher guide</a>	 <b>Introduction (ages 11-14)</b> <a href="#">Open the lesson</a>   <a href="#">Preview in the library</a> <a href="#">Teacher guide</a>
 <b>Climate change (ages 8-10)</b> <a href="#">Open the lesson</a>   <a href="#">Preview in the library</a> <a href="#">Teacher guide</a> <a href="#">Worksheet</a>	 <b>Climate change (ages 11-14)</b> <a href="#">Open the lesson</a>   <a href="#">Preview in the library</a> <a href="#">Teacher guide</a> <a href="#">Worksheet</a>
 <b>Energy (ages 8-10)</b> <a href="#">Open the lesson</a>   <a href="#">Preview in the library</a> <a href="#">Teacher guide</a> <a href="#">Worksheet</a>	 <b>Energy (ages 11-14)</b> <a href="#">Open the lesson</a>   <a href="#">Preview in the library</a> <a href="#">Teacher guide</a> <a href="#">Worksheet</a>
 <b>Waste (ages 8-10)</b> <a href="#">Open the lesson</a>   <a href="#">Preview in the library</a> <a href="#">Teacher guide</a> <a href="#">Worksheet</a>	 <b>Waste (ages 11-14)</b> <a href="#">Open the lesson</a>   <a href="#">Preview in the library</a> <a href="#">Teacher guide</a> <a href="#">Worksheet</a>
 <b>Circular economy (ages 8-10)</b> <a href="#">Open the lesson</a>   <a href="#">Preview in the library</a> <a href="#">Teacher guide</a> <a href="#">Worksheet</a>	 <b>Circular economy (ages 11-14)</b> <a href="#">Open the lesson</a>   <a href="#">Preview in the library</a> <a href="#">Teacher guide</a> <a href="#">Worksheet</a>



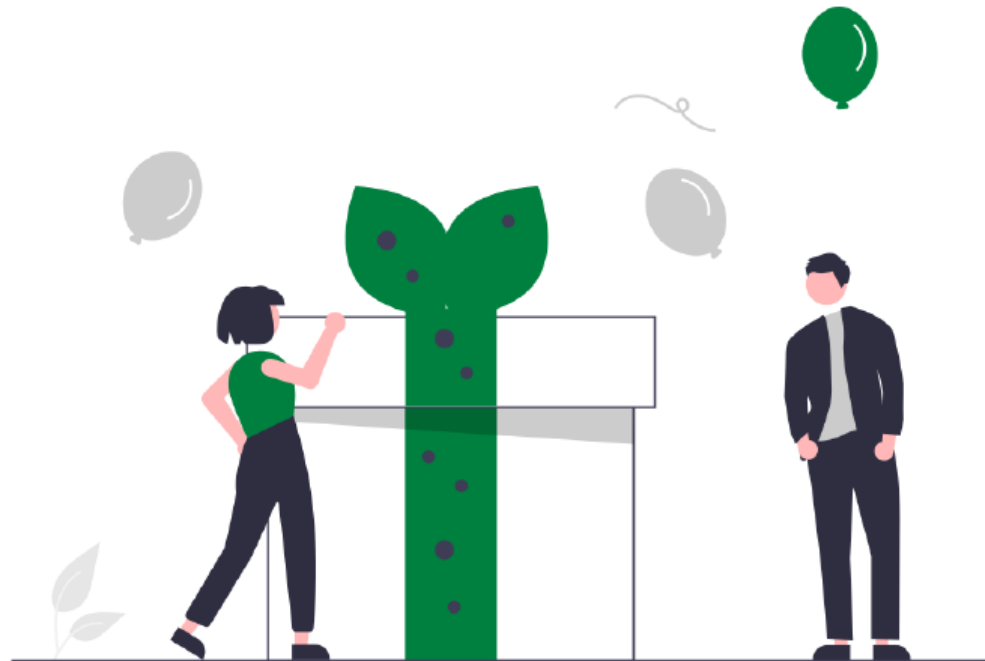




# 2023 STEM Discovery Campaign Competition

## TERRA MISSION EXPERIENCE

Iwona Kowalik & Emma Abbate



## Group Activity (3-4 people, 20 min)

1. Explore the **Terra Mission Educational Pack** together.
2. Brainstorm ideas on **how to integrate Terra Mission** into your curriculum.
3. Prepare a **short project** that integrates Life Terra and share your ideas on the padlet.
4. Some groups might have 2-3 minutes to **present** their project to the class.



<https://www.gynzy.com/en/topic/terra-mission>



<https://padlet.com/eunacademy/terra-mission-project-spw40-8aa9irl0mkydcwcv>





## Schools are key in the green transition

- It all begins with future generations
- **Schools** have proven to have an incredible **power to trigger local engagement** by inspiring parents, governments, organisations, landowners and the whole community for climate action.
- Today's pupils are tomorrow's stewards of our Planet. Let's create a legacy that matters **for and with them**.







# Terra Mission MOOC Rerun: Teaching Sustainability for Action

- Massive Open Online Course (MOOC) available at the [European Schoolnet Academy](#)

- Created by Life Terra and Scientix
- **Primary and secondary teachers**
- How to integrate Terra Mission in the classroom, learn about outdoor experiences, practical assignments & **brand-new Carbon Footprint Calculator**



- *"In the course I liked the topic and the materials we got (Terra Mission). The course is well structured and guided".*



# Thank you!

Miriam Molina and Michalina Partyga



LET'S PLANT TOGETHER

