



Terra Mission Challenge

Future Classroom Lab workshop
Innovative Practices for Engaging STEM Teaching

24 - 28 April 2023, Brussels

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Do you care about the climate or the environment?

yes

no



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Do you teach sustainability topics in your classroom?

yes

no





Do you know Life Terra?

yes

no

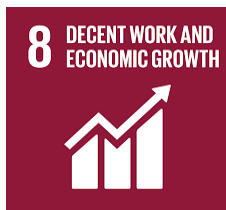




Life Terra is a European initiative with the mission to restore our connection with the Earth and to enable people to take impactful climate action now. We facilitate tree planting, educate future generations, and develop tree-monitoring technology.



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



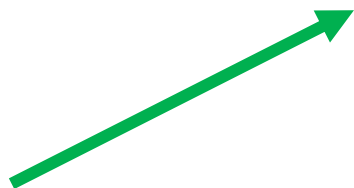
Education





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





Terra Mission MOOC: Teaching Sustainability for Action

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

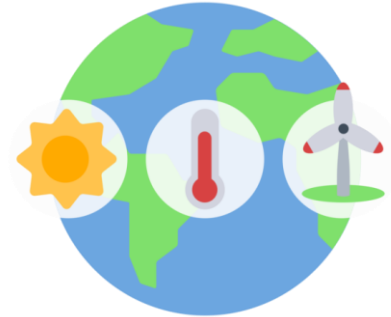
- Created by Life Terra and Scientix
- **Primary and secondary teachers**
- How to integrate Terra Mission in the classroom, learn about outdoor experiences and practical assignments



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



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

 Introduction (ages 8-10) Open the lesson Preview in the library Teacher guide	 Introduction (ages 11-14) Open the lesson Preview in the library Teacher guide
 Climate change (ages 8-10) Open the lesson Preview in the library Teacher guide Worksheet	 Climate change (ages 11-14) Open the lesson Preview in the library Teacher guide Worksheet
 Energy (ages 8-10) Open the lesson Preview in the library Teacher guide Worksheet	 Energy (ages 11-14) Open the lesson Preview in the library Teacher guide Worksheet
 Waste (ages 8-10) Open the lesson Preview in the library Teacher guide Worksheet	 Waste (ages 11-14) Open the lesson Preview in the library Teacher guide Worksheet
 Circular economy (ages 8-10) Open the lesson Preview in the library Teacher guide Worksheet	 Circular economy (ages 11-14) Open the lesson Preview in the library Teacher guide Worksheet



Group Activity (3-4 people, 40 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. Each group will 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-l4fkbsiw2n2crz>





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.**





Importance of teacher-led training: Life Terra Examples

Past:

- **Pilot teachers** – 6 teachers from 6 European countries
- **Participation in the MOOC** (LSs, videos, peer learning workshop).
- **STEM Discovery Campaign 2022 and 2023** – stories of implementation, development of new LSs, development of ideas for local sustainability activities.

Upcoming:

- **MOOC re-run** (September 2023)



Thank you!

Miriam Molina and Michalina Partyga



LET'S PLANT TOGETHER

