

“School and Sustainability: A key for the future.”

***Intensive training from 7th to 11st February 2023
@ Biblioteca delle Oblate, Florence***

TRAINING PROGRAMME

Tuesday 7th February 2023

- **9 am.** Let's meet! Presentation welcome and inauguration about the course with Eleonora Lallo, founder of the association, and Alice Lazzerini, teaching staff. Expectations about the training course and a brief introduction about the group with ice-breakers game.
Why is sustainability so important? What are you doing as a citizen first to be in contact with nature? We'll collect data from science to understand the topic of climate change and the environment. The problem is so important as to have a clear idea of the near future around us.
- **10:30 am.** Break (panoramic terrace on the cathedral)
- **11 am.** Let's play a game together! How can students understand the fragility of the ecosystem? Our challenge as an association is to create original tools for students from 7-16 years old. We share our project called Green Card, a tool kit to connect mathematics with nature, Fibonacci's number with modern problems. Each card can inspire a new reflection for the future. Could it be a way to teach in a different perspective?

Wednesday 8th February 2023

Today's workshop will take place in Parco mediceo delle Cascine, the Florence main park. Remember to wear suitable clothing.

- **9 am.** Outdoor Education. Fabrizio Bartolini, biologist researcher, will drive the group in the main park of Florence (Parco Mediceo delle Cascine) to understand the discipline of landscape ecology that aims at studying the structures and functions of ecosystems in anthropized areas. In artificial landscapes, populations of species and their habitats are prone to the process of ecological fragmentation that reduces dispersal capability, low levels of tolerance to human-generated stressors, scarce capacity of adapting to environmental change, high selectivity for specific resources or habitats. Nevertheless urban areas can host an unexpectedly rich community of plants and animals; we will experience how biodiversity can occur in urban context and we will try to understand the threats to which it is subjected by a walk across selected peri-urban natural/semi natural areas in the surroundings of Florence.

Thursday 9th February 2023

- **9 am.** A talk with Sandra Gualtieri, pedagogist and founder of Re Mida BSL. What kind of school do we need? Principles of outdoor education and analysis of some cases of outdoor schooling, both Italian and foreign. In particular, Sandra Gualtieri will share her experience in the “Green School of Bali”: the group presents and analyzes the school method of that school as a specific case of an innovative and experimental teaching. Info about <https://greenschool.org/>
- **10:30 am.** Break (panoramic terrace on the cathedral)

- **11 am.** Practical indications to integrate basic skills with new soft skills to transform current attitudes and behaviors by a direct interaction with the external environments and with elements of the surrounding nature. We will investigate activities to directly understand some principles of eco-sustainability. At this time, part of the lesson includes a short excursion to the area adjacent to learning how to transform suggestions in outdoor educational activities such recycling waste material or vegetables.

Friday 10th February 2023

- **9 am.** BioPlastic Workshop. We will experiment on how to make plastic from vegetables in less than 30 minutes by a laboratory. We will organize a stand to try a new way of sustainability lifestyle. We will collect feedback and discuss future implementation as a proposal in educational institutes. A small illustrative manual of the BioPlastic production process will be donated to the participants.
- **10:30 am.** Break (panoramic terrace on the cathedral)
- **11 am.** Final Discussion and planning of the last training day. Hope and resources for our planet and new generation. Suggestion and feedback about the training course.

Saturday 11st February 2023

- **9 am.** Thematic visit decided in collaboration with the participants during the preceding days at an Institution of Association tackling the topics of the training course (i.e. [Lumen's SUSTAINABILITY project](#); [Orto Botanico di Firenze](#); ecc.).

INFO

Places are limited and registration is compulsory before attendance.

When: 7th - 11st February 2023, from 9 am to 1 pm

Where:

Joyce Lussu meeting room
Biblioteca delle Oblate
Via dell'Oriuolo, 24
50122 Firenze

Trainers:

Alice LAZZERINI
Fabrizio BARTOLINI
[Sandra GUALTIERI](#)

Spoken language: English



Scienza in Fabula APS is a non-formal education association in Florence (Italy) promoting science, sustainability and inclusion. Its mission is to engage citizens in a new perspective of teaching and tackling social issues through innovation, gamification and events.

Contact person

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