

Outdoor Education in the Context of 21st Century Skills

6 Days Course (Monday to Saturday)

Madeira Island, Portugal



Language used for the training: English

Description: The Outdoor Education is one of the most important education approaches in European context. If there were any doubts, the covid-19 pandemic reinforced the urgency of schools and teachers to look at activities in nature as an adequate way to teach and learn curricular subjects.

The course has been designed to provide tools to prepare European teachers for a future that happens today, where activities outside the formal classroom will increasingly become part of the school live. The topics and training activities consider the Key Competences for 21st Century Students. The course is designed to be very practical, demonstrative, and interactive. The trainers are enthusiastic educational agents, namely teachers with broad experience and actively involved in Outdoor Education and 21st Century Skills.

Course Objectives:

- Promote the debate about Outdoor Education and Key Competences for 21st Century Citizens.
- Understand the learning opportunities offered by outdoors.
- Learn to read the natural contexts in terms of learning opportunities.
- Understand how to integrate outdoor activities in the curriculum subjects.
- Experiment and develop new learning practices and teaching methods.
- Promote interdisciplinary work through outdoor activities.
- Promote a deeper understanding of the practical ways of incorporating Outdoor Education in teaching.
- Improve educational practices through collaborative working approaches.
- Increase knowledge of social, linguistic, and cultural issues.

Topics of the Course:

- The essence of Outdoor Education (roots, definition, and context).
- What will you need to teach, instruct or lead outdoor learning?
- Spaces/environments for outdoor activities.
- Tools and strategies to be used in outdoor activities.
- STEAM activities outside the classroom.
- Planning outdoor activities.

Course Venue:

Calçada de Santa Clara, nº 32. 9000-036 Funchal - Madeira

(DTIM - Regional Association for the Development of Information Technologies in Madeira)

NOTE: Some activities will be outside, and locations will be indicated and transportation provided. *

COURSE AGENDA

(We will publish updates to this agenda before the start of the course)

1st day, Monday, 23/05

14h30 / 19h30	Welcome and Introductory Activities Topics: <ul style="list-style-type: none"> • Course Welcome. Introduction to the course content/agenda and learning outcomes. • Presentations by the participants on their schools and experience. Team building. • Different countries, different contexts, and cultures in the same Europe. • The European and International dimension in the pupil's curriculum. • The essence of Outdoor Education (roots, definition, and context). • Social and citizenship skills that can be developed through a direct relation with the environment. • The importance of Creative Thinking and Problem Based Solving. • Good practice examples. • Apps for Outdoor Education. Taste of My Home Country, with Madeira flavors.
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2nd day, Tuesday

<p>09h00 / 17h00</p>	<p>Forest Activities</p> <p>Topics:</p> <ul style="list-style-type: none"> • How to integrate environmental education into the formal curriculum by providing meaningful outdoor learning experiences. • Practical, flexible activity ideas for a nature-rich, outdoor-oriented approach. • Practical ideas for engaging hands-on projects and campaigns with an impact in the surrounding community. <p>Tasks:</p> <p>Task 1: Forest bathing</p> <p>Task 2: Playful experiences</p> <p>Task 3: Experiencing 21st century skills outdoors</p> <p>Task 4: Reading the environment</p> <p>Task 5: Land art</p> <p>WHAT TO WEAR? It is an activity in a protected area in the forest. It can be cold and even rain. You can also get hot sun. It is important to wear comfortable and appropriate shoes, footwear and clothing for these situations, without forgetting a hat (sunscreen?). Water bottle, snacks/fruit are recommended. Madeira has a microclimate. It can be “summer” in the Funchal City Centre and “winter” in the mountains and change in a short time.</p>
	<p>Return to Funchal / Small Tourist Tour</p>

3rd day, Wednesday

<p>09h00 / 14h00</p>	<p>Ocean Activities</p> <p>Topics:</p> <ul style="list-style-type: none"> • How can I use ocean environments in my teaching (small tools for all subjects) • Ocean Activities - Snorkeling / Kayak / Stand Up Paddle (Typology of the activities to be confirmed and dependent on sea conditions on this day or week) <p>Remember to bring: swimwear, bathing shoes, sunscreen, hotel pool towel, sunscreen, hat, sunglasses, etc. (You can use your private waterproof camera, GoPro for example, if interested).</p>
	<p>Cultural Activities / Free Time</p>

4th day, Thursday

<p>09h00 / 14h00</p>	<p>STEAM Practical Outdoor Workshop (in a Levada)</p> <p>STEAM goes hand in hand with outdoor education. It's a forward-thinking, integrated approach to learning that uses Science, Technology, Engineering, Arts and Mathematics to guide children's questioning, critical thinking, and dialogue.</p> <p>(Levadas of Madeira Island are candidates for <u>UNESCO World Heritage</u>)</p>
	<p>Cultural Activities:</p> <ul style="list-style-type: none"> • Madeira Embroidery and Crafts • Madeira Wine Tasting

5th day, Friday

<p>09h00 / 14h00</p>	<p>Planning Activities - Setting Up an Outdoor Classroom</p> <p>Topics:</p> <ul style="list-style-type: none"> • Revisiting outcomes from previous Workshops. • Planning outdoor activities. Project work. Participants have space and time to plan outdoor activities, connected with their learning objectives. • School Garden (visit)– an outdoor space worked by teachers and students
	<p>Cultural Activities:</p> <ul style="list-style-type: none"> • Walk Tour - Funchal City Center and Parks

6th day, SATURDAY

09h00 / 14h00	Brainstorming & Closing Session <ul style="list-style-type: none"> • Sharing the experiences of the week. • Learning from experience: Reflection and Discussion about the planning carried out. • Validation of learning outcomes. • Erasmus+ Changing Lives, Opening Minds • Final feedback of the course and evaluation. • Certification. Follow-up and networking.
	End of the Course

Course Pedagogical Consultant: José Miguel Sousa (Portugal, Madeira Island) - [linkedin.com/in/sousajmiguel](https://www.linkedin.com/in/sousajmiguel)

Course Main Trainer: Søren H. Andersen (Denmark) - [linkedin.com/in/friluftsmenden](https://www.linkedin.com/in/friluftsmenden)

Course Local Trainers: Madeira Island Teachers

Costs

Course Fees: **480€ for a 6-day course** (80€ per day, per participant)

Extra Fees: 30€ per participant. Includes: transport for activities outside Funchal and cultural activities.

Course Registration Form: www.21knowledge.pt

For **more Information**, please contact: info@21knowledge.pt or **+351 962445476**



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Why choose 21 Knowledge courses in Madeira Island?



Video made by one of the participants in the course "Teaching in a 21st Century School", Madeira Island, October 2019.



Report on local TV about the courses with interviews with participants.



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