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2022-1-IT02-KA220-SCH-000088700



ECOSTEAM
project

**Cooperation to improve ECOlogical
Behaviours through IBL and STEAM methodology**

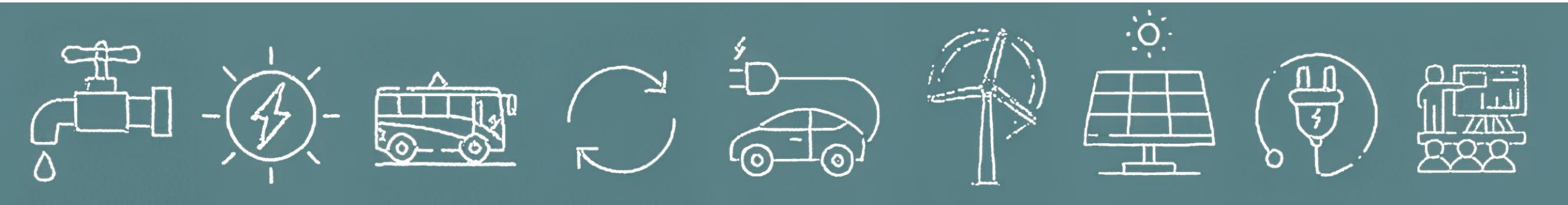
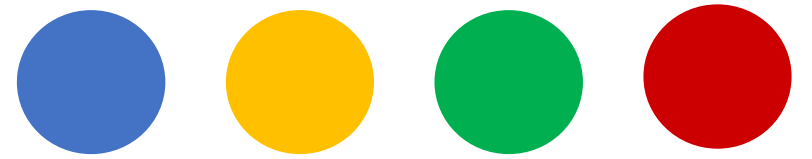
LEARNING PLAN

ERASMUS+ KA220-SCH - Cooperation partnerships in school education

November 2022 – June 2025

ECOSTEAM

WORKSHOP





MAIN AIMS OF THE LEARNING PLAN

Integrate the ECOSTEAM methodology into the **school program**

Foresee the necessary **communication framework** between teachers and also stakeholders

Identify risks early on and plan the necessary monitoring actions
Make teachers familiar to Project-Based Learning and collaboration between STEAM teachers

Provide Learning Methodology and Didactic materials as a guidance to learn from the **outdoor environment**





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Learning Plan Workshop

25th and 26th of January 2024

(PRISMA– Demetris Mylonas; CNR Francesca Ugolini; CISPEL – Serena Di Grazia)

Liceo Classico Galileo - *aula magna*

via de' Martelli 9, 50129 Firenze

This workshop aims to draft a Learning Plan in each school context (by school and country) which will contain the details on **what will be learned, how it will be learned, by when, what criteria will be used to evaluate the learning and how the learning will be validated**. The Learning Plan will refer to the themes of the ECOSTEAM project and the Learning Units that will be used in the piloting, besides other topics that are part of the school curriculum.

The outcomes of the local contexts will be analysed in order to find common points and share them at EU level.

Workshop on building the ECOSTEAM Learning Plan

Learning Plan Workshop 1

Please, answer the following questions that may help to find a way to integrate the ECOSTEAM school project in your school curriculum.

1 - What is(are) the theme(s) in your ECOSTEAM school project? Or what are you interested in?

- Sustainable water management
- Sustainable waste management
- Sustainable urban mobility
- Sustainable energy management

2 - Which learning unit(s) will you test and in which class/es?



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Other notes:

6 - How many hours a week (and in total) will be dedicated to the project in each subject, on average?

7 - What classes/student groups do you think should implement the project?



Learning Plan Workshop 2

Please, answer the following questions that may help to find a way to integrate the ECOSTEAM school project in your school curriculum.

8 - The school project may require collaboration with external experts, i.e. representatives of stakeholder organisations relevant to the selected theme like utility companies and local/regional authorities, academics, researchers, etc. Create here a first draft list of the stakeholder organisations available in your local area/city or region, or individuals, whom you could contact and request their participation.

9 - Do you foresee any risks in implementing the project? Please consider aspects like time availability, availability of equipment, collaboration between teachers in the STEAM framework, availability of external experts etc.

10 - What measures do you propose to contain the risks described above?

11 – To what extent do you feel safe in alternative roles such as facilitating/mentoring instead of



teaching, and in performing activities like experiments/fieldwork?

12 – What means of communication do you think are needed between the teachers’ group to coordinate the interdisciplinary activities of the ECOSTEAM school project? How frequent do you think the meetings of the teachers group should be to guarantee a smooth coordination?

13 - How do you plan (or what do you do) to contact stakeholders?

14 – How are you going to evaluate students’ learning (referring to your subject, or the school programme) in the application of the ECOSTEAM Learning Unit?

15 - Do you think the ECOSTEAM material (i.e., the methodology, learning units) is sufficiently clear?
