

URBSTEAM

PROJECT NUMBER:
KA220-SCH-AE11D852



Erasmus+
Enriching lives, opening minds.

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PROJECT AIMS

The aim of the project is to teach STEAM by using hands on activities on urban gardens and integrating permaculture values.

CONTEXT

This project bridges the gap by detailing how best to integrate Urban Gardening into teaching and learning, specifically in preschool. We are trying to strengthen to the means of implementing STEAM, by using garden as co-teacher in preschool.



OVERVIEW OF THE PROJECT

PROJECT TOTAL DURATION: 24 MONTHS

CONTEXT

The aim of the project is to teach STEAM by using hands on activities on urban gardens and integrating permaculture values. STEAM is an integrated approach to learning which requires two or more standards from Science, Technology, Engineering, Math, and the Arts to be taught AND assessed in and through each other. Participants (educators and children) will become familiar with the space of a garden as a rich environment for teaching and learning across the curriculum, especially on STEAM field. Ecological and social justice considerations will frame all aspects of the project, with a particular focus on the place of the teacher (personal, cultural, and geographic positioning and identities) in garden-based education.

OBJECTIVES

The main objective of the project is enhance the knowledge of 150 kindergarten educators on teaching of STEAM through urban gardening. Gardens as educational places ask educators and learners to value process over product and attend to the moment as it unfolds. School gardens encourage students and educators to look for connections between subjects and ecosystems; to embrace spontaneity and sensuality as well as critical thinking and experimentation. Another objective of this project is the integration of Permaculture values. Permaculture is the conscious design and maintenance of agriculturally productive ecosystems which have the diversity, stability, and resilience of natural ecosystems. It is the harmonious integration of landscape and people — providing their food, energy, shelter, and other material and non material needs in a sustainable way. The UrbSTEAM initiative will meet the needs and requirements of both teachers and the children whom they are teaching.

OUTPUTS

1. Manual of best practices on garden-based learning and development of Educational material
2. Toolkit for educators and schools
3. Online learning platform and networking



ABOUT US - EISA

Eisa is a NGO mainly functioning on Education. It has permanent and Volunteer members working actively in Education sector from Early Childhood Education to Adult Education. Besides, EISA has School Counselors in its project teams. That makes Eisa beneficial with regards of this project thanks to its connections with lots of schools in a wide range of variety. EISA will have a critical role in applying the project outcomes and getting feedback directly from the real practitioners.

OUR ROLE IN THIS PROJECT

EISA will assist through all project activities and due to the expertise they hold in project management they will also be in charge of the evaluation plan and strategy of the project as they hold extensive experience on the field.