



Co-funded by the
Erasmus+ Programme
of the European Union



Project Youth 4 Emblematic Mountains

In Brief	
	<ul style="list-style-type: none">✓ Tool name: <u>"Sustainability" at school: Our trees, flower beds and herbs</u>✓ For children between 12 and 14✓ Tool category: Application✓ Main topics: Environment & Culture✓ Main objective of the tool: Raise awareness on environment and culture Understand and discover the territory✓ Territory: Local area - Prefecture of Pieria✓ Free: Yes✓ Language: Greek



I. let's discover the tool "Sustainability" at school: Our trees, flower beds and herbs

1. Objectives of the tool

The objectives of the action are the students through the study and cultivation of plants, trees and herbs in their school, among other things to know the environmental value of the area, to develop skills of cooperation and communication, critical thinking and confidence, creative imagination and clarification of values. In addition, the aim is to shape the attitudes of active and responsible citizens with democratic views and to promote alternative development activities. Also, the analysis and application of the word "sustainability" at all levels home, school, village, city, mountain range. Promotion of traditional crops, herbs (teal - oregano - mint - olives). Moreover, in addition to beautifying students around their school, another goal is to familiarize students with useful practices, ie how we plant a tree or plant, what season is suitable for planting, what care they need to grow up, things that most children are unaware of. At the same time, the students are sensitized, so that when they grow up they show the respect they need for the environment, improving the quality of life in the area where they live, as well as they will take care of the plants they planted and will see them grow with them. Later, visiting the place as adults, they will be proud of what they did.

2. Tool description

The content of the action is for the students to come in direct contact with the school yard, to get to know the trees of the area, to create flower beds, special areas with herbs, aromatic and ornamental plants and trees. In addition, they will know the value of tree planting and the impact on climate change, air purification, etc. The experiential approach of the above with the immediate goal of applying them in their daily lives in the future, always based on the principle of sustainability. Understanding and applying the concept of ecological behavior. Immediate experience of the natural environment through dynamic participatory processes. Acquiring a spirit of solidarity, socialization, highlighting talents or special abilities of students.

3. Target groups

The above action is addressed to high school students, ie from 12 to 14 years old and combines many study programs of various courses such as Physics, chemistry, literature, mathematics, geography, history, art, music, and experiential activities. The time evolution of the program during the school year is from 3 to 8 months and includes information about the environmental programs of previous years, the group gathering, the selection and delimitation of the goals and possibilities. They continue with research in the literature, recording of existing trees and plants, placement of ornamental plants indoors and trees,



plants and herbs outside the school. Finally, signs are placed with names and photos of plants and trees.



II. How to use the tool "Sustainability" at school: Our trees, flower beds and herbs

1. Who

The above action is carried out and used by the students of the Directorate of Secondary Education of Pieria, but its results can be useful for the next generations of students and citizens. Through this action, all together and each of us individually can help protect the natural environment and contribute to the growth of greenery, while activities such as this, are very important, because parents are involved in school life, which is very good for the socio-emotional development of their children.

2. How

The above action can last from 3 to 8 months (the whole school year) per school year. It will operate within the framework of the School Activities Programs and will be renewable every year. Students and teachers participate in the action, as well as the association of parents and guardians, but also local bodies such as environmental and green services of the Municipalities and the Counter-Region, Environmental Education Centers, the Directorate of Secondary Education through the Office of School Activities.

Regarding the necessary technical skills and infrastructure needed to carry out the Program will need:

- ✓ Computers for access to theoretical parts of the action
- ✓ Projectors (Over Head Projektors) to display the results
- ✓ Soils for planting
- ✓ Digging tools needed for planting such as pickaxe, shovel and spade.
- ✓ individual equipment each student a pair of gardening gloves, etc.
- ✓ Purchase of plants and trees
- ✓ Flower beds and materials for the construction of special areas for planting, the creation of a storehouse of artificial manure (compost)
- ✓ Materials for the care of gardens-trees, such as watering cans, hoses, fertilizers

3. Cost



The tool has no additional cost, the resources that schools have for their operation and similar actions are used.

4. Tool viability

The above tool can be renewed every new school year and thus will ensure the viability of the tool in perpetuity. Each new school year can be declared through the Office of School Activities the use of the tool in each school of the Regional Unit of Pieria for many years.

5. The first lessons

A difficulty in the realization of the tool is the lack of sufficient financial resources, so that the action can be carried out in all the schools of the Prefecture, as well as in the same size. Thus, some schools can "decorate" only the interiors of the school and have a more theoretical approach to the objectives of the action, while other schools have the opportunity to have several experiential workshops and to achieve all the objectives of the Program. Adequate funding will be able to ensure the proper use of the tool by all schools.

- Did you recognize 3 elements of success with the use of this tool? (300 words maximum)
Environmental development is a topical and much-discussed concept, but also the only policy that can lift humanity out of the impasse of the ecological and economic crisis it is going through. The only way for the need for a sustainable way of life, production and consumption to mature in the consciousness of individuals and states can only be achieved through proper education and training. So the positive sign and the success of this program is exactly this: the multiplier benefit for humanity and the environment through the cultivation of an ecological and environmental consciousness of our students who are the citizens of tomorrow.

Comments on the pedagogical side of the tool

This section will be specifically completed by CETT, using its expertise in pedagogical tools and methodologies (600 words maximum).

III. How do I create such a tool for my school / district?



This section only applies to collaborators who participated in the creation of the described tool. For the rest, you can only answer the previous parts (I and II). If your structure also used the tool and participated in its creation, you will answer in both parts.

1. How



Co-funded by the
Erasmus+ Programme
of the European Union



A basic condition for the creation of the above program is the contact with a coordinator on the part of education (Office of School Activities). Then the representative of education in all the schools of the Prefecture is informed, a record is made of the needs of each school for the realization of the program.

On behalf of the school, a responsible teacher will be appointed in each school who will coordinate the program and up to 2 participating teachers who will help in the development of the program (coordination of students, distribution of material, display of theoretical material, recording of plants with students, etc.)

The Head of the Directorate of Education (Office of School Activities) will monitor the progress of the programs by visiting schools and online meetings with all schools. He/she will also be responsible for the proper distribution of the material to each school and to hold workshops and seminars on the subject of the action.

Upon completion of the Program, a collection of photos and action material from each school should be made and a summary table of the steps taken should be completed.

The technical requirements that are needed - in addition to all the above mentioned regarding the infrastructure - are for the teams to have computer knowledge and to follow the schedule and the steps that will be defined by the Head of the Directorate of Secondary Education.

2. How much

The time frame that will be needed to create a basic axis for the division of tasks in each school unit does not exceed one month. The Program will then be able to start by completing each school's details (coordinator/teacher, participating teachers, number of students, steps to be followed, schedule, etc.). Collection, recording and processing of the above data and then the implementation of the Program can begin.

The human resources that will be needed for the creation of the Program will be a person in charge from the Directorate of Secondary Education and a five-member committee approving the actions of each school under the above Program consisting of local government bodies. In addition, a coordinator from each school that is part of the above program, the participants and the students that will make up the group. Therefore six (6) members of the organizing committee, forty (40) coordinators are needed and to the above forty-six (46) are added both the participants and the students (their number varies. If we have one additional participating teacher in each school then 40 additional teachers will be added to the above group, while if we have two (2) participating teachers in each school, then eighty (80) additional teachers will be added to the initial total. Respectively the same applies to students. The total number of each group of the participating school will be added to the initial set which is the main coordination group of the program.).

- Can you estimate the cost of creating this tool? (200 words maximum)



The tool has been created by the staff of the secondary education of Pieria and has no additional creation costs, from what the staff receives as civil servants.

3. First recommendations

- Did you recognize 3 elements for success in creating the tool?

Environmental development is a topical and much-discussed concept, but also the only policy that can lift humanity out of the impasse of the ecological and economic crisis it is going through. The only way for the need for a sustainable way of life, production and consumption to mature in the consciousness of individuals and states can only be achieved through proper education and training. So the positive sign and the success of this program is exactly this: the multiplier benefit for humanity and the environment through the cultivation of an ecological and environmental consciousness of our students who are the citizens of tomorrow.

- Have you encountered difficulties creating the tool (up to 300 words)

A difficulty in the realization of the tool is the lack of sufficient financial resources, so that the action can be carried out in all the schools of the Prefecture, as well as in the same size. Thus, some schools can "decorate" only the interiors of the school and have a more theoretical approach to the objectives of the action, while other schools have the opportunity to have several experiential workshops and to achieve all the objectives of the Program. Adequate funding will be able to ensure the proper use of the tool by all schools.

Comments on the pedagogical side of the tool

This section will be specifically completed by CETT, using its expertise in pedagogical tools and methodologies (600 words maximum).

- ✓ Contact details:
- ✓ Other links: