

Erasmus + KA210
Small scale partnerships
Eco School
Οικολογικό σχολείο



2022-2-EL01-KA210-SCH-000098658

**Activities for
Eco School**



Co-funded by the
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of the European Union



Erasmus+

Enriching lives, opening minds.

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Activity 1 Cat houses

TITLE:

Cat houses by second hand items

DESCRIPTION

There are a lot of stray cats that live in the school area. The idea was to create cat houses with second hand materials and at the same time to show respect for the strays. We used card boxes, old clothes, felizol, plastic covers to make the cat houses. We made posters with legislation about animal protection so that students and citizens do not behave badly to animals. We bought food for the animals and we cared to have always fresh water for them.

AIM

Create cat houses and support love for animals

STEPS

Discussion on the situation of animals in Greece and in the local area at Gennadi

Visit by a Police Officer to discuss about animal legislation

Research of educational material from Animal protection organizations

Ideas for location of an islet for cat protection near the school

Collection of useless material from super markets such as card boxes, felizol boxes, clothes, plastic cover, palettes

Collection of soft and warm material from students such as old towels, blankets, sweaters

Collection of plastic bowls for water

RESOURCES

Recyclable and second hand materials

COST

No cost. Everything was from useless materials

PHOTOS



Making cat houses / Making posters



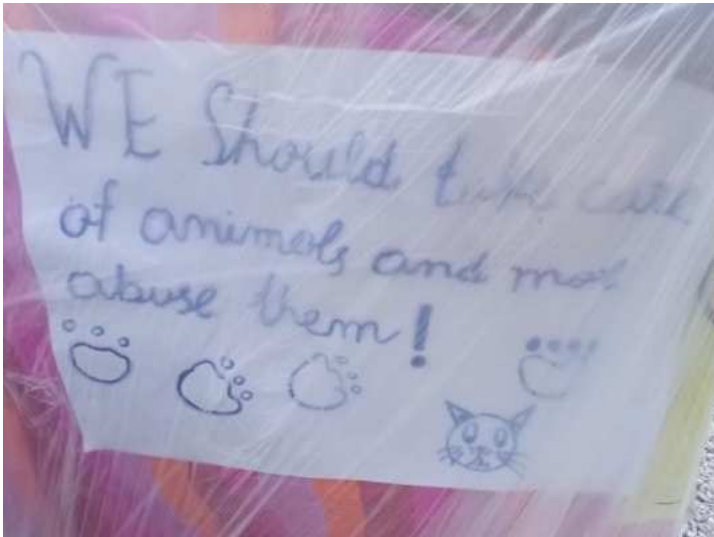


Personal touch



Our beautiful cat houses







EXTENSION

Cooperation with Municipality for neutering the animals

Activity 2 Recycling

TITLE:

Recycling at school and at home

DESCRIPTION

The students and the local community are not very used to recycling practices. Moreover, the village is about 75 km from the city and it is difficult for families to find a recycling point for big appliances eg a printer or a fridge. So we tried to have the school as a green spot for recycling. We decided to start from school to promote simple, zero cost environmental practices in order to help both students and families to recycle and to develop environmental awareness.

AIM

To encourage environmental practices at school and at home

STEPS

Discussion on the situation of environment the local area at Gennadi in connection with tourism development

Ideas for campaigns and actions

A reusable bag with Eco school was given to each student of the school and to members of local council

Exchange of bags between partner schools to promote Erasmus cooperation

Recycling bins were located in the entrance, yard and classrooms of the school

Posters were made by students for promotion of recycling

Reproduction of posters to show students' efforts for the environment

Counting the recycling result per month, presentation of progress made

Creation of a green spot at school and the school as intermediate for recycling:

- Asking students to use the bag to bring material for recycling from their home and to train their families to separate recycling material
- Batteries and electric appliances collection at school
- The school organised at a central level collection of all recycled materials for the families

RESOURCES

Cloth bags

Posters

Bins

Communication with recycling companies

COST

Cost of 6 euros per bag

Cost of 30 euros per recycling bin

Cost of 3 euros per reproduction of poster

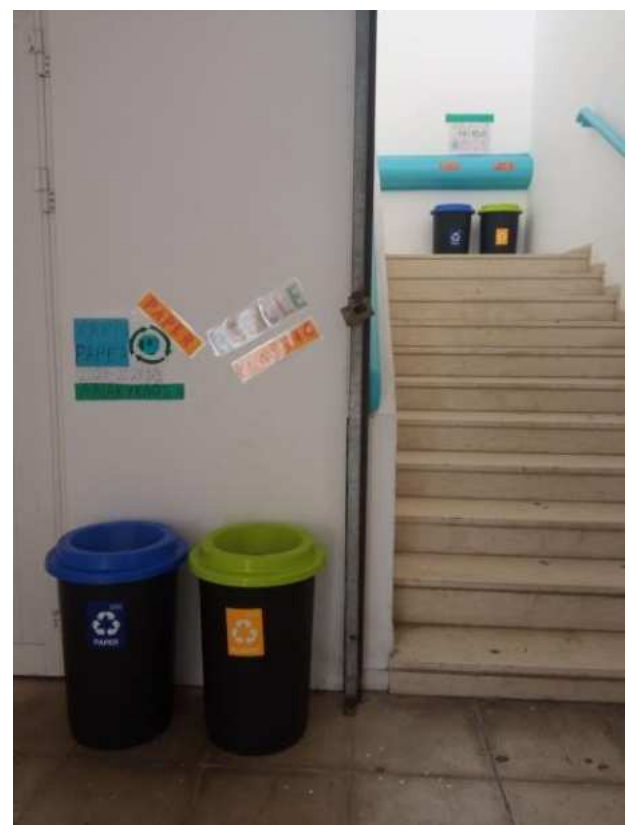
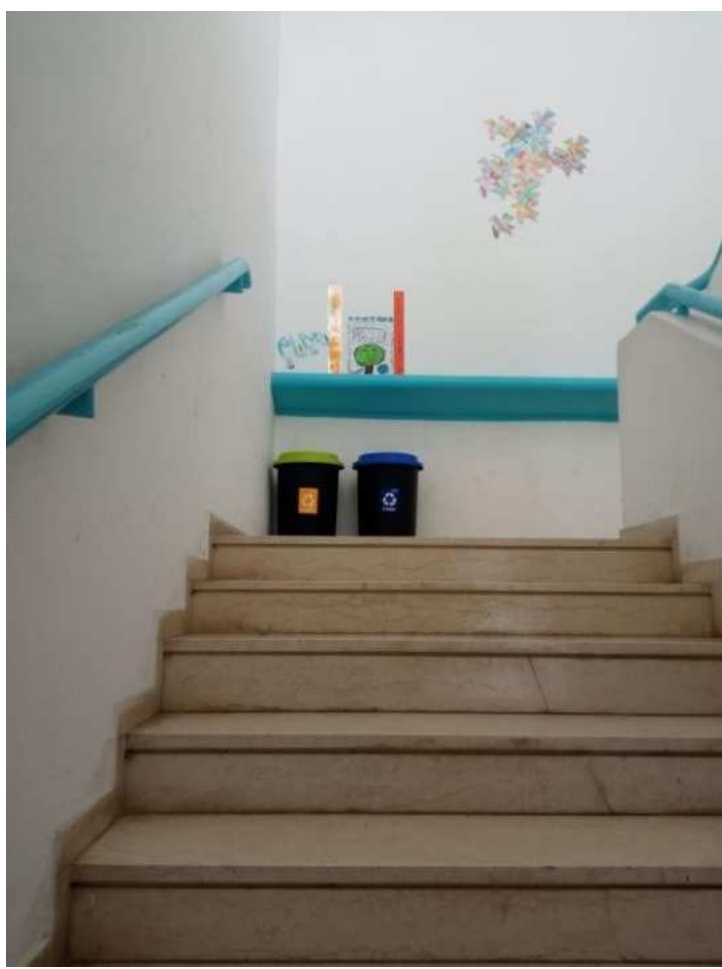
Zero cost for battery and other recycled material, transfer cost by recycling companies

PHOTOS



Students being creative in making posters







Recycling bins together with students' posters



Which batteries are recyclable?

Batteries used in:

- Cassette players
- Radios
- Pocket consoles
- Electronic devices
- Mobile phones
- Watches
- Cameras

As well as any other dry cell batteries weighing 2 kilos or less, that are used in other household devices.

Why do we need to recycle batteries?

To Protect the environment & our health

Batteries contain toxic chemicals that are very harmful to the environment and our health, when they are not disposed of properly.

These chemicals can contaminate the soil, the water and the air and can be accumulated in animals and humans.

As these chemicals are accumulated in our body, the possibility for serious health issues, often irreversible, arises.

To Reduce Waste

By adopting daily recycling habits, we help reduce the volume of waste that ends up in landfill sites, thus contributing positively towards the social benefits of recycling.

To Save Energy

For each recycled battery, we save up to 80% of energy.

Don't forget to transfer the empty batteries to the nearest battery recycling bin.

Battery box and posters by AFIS company



Electric appliances for recycling

1 Κατεβάζω την εφαρμογή Just Go Zero App



download app for ios & android

Αφού κατεβάσω την εφαρμογή μπορώ να κάνω αίτημα παραλαβής αποβλήτων από το χώρο μου.

Οι κατηγορίες των αποβλήτων που συλλέγονται αρχικά είναι: **τηγανέλαιο, ρούχα, ηλεκτρικές & ηλεκτρονικές συσκευές και μικρές μπαταρίες.**

Την επόμενη χρονική περίοδο θα προστεθούν και άλλες κατηγορίες αποβλήτων και θα εμφανίζονται ως επιλογές μέσα στην εφαρμογή.

2 Καταχώρηση Αιτήματος παραλαβής υλικών

Αφού καταχωρηθεί το αίτημα, η εφαρμογή αναλαμβάνει να ειδοποιήσει αδειοδοτημένους συλλέκτες, οι οποίοι **με προκαθορισμένο ραντεβού, έρχονται** για τη παραλαβή των υλικών στη διεύθυνση που έχεις καταχωρήσει.

3 Παραλαβή υλικών



Τα υλικά που έχεις συγκεντρώσει (τηγανέλαιο, ρούχα, ηλεκτρικές & ηλεκτρονικές συσκευές και μικρές μπαταρίες) **παραλαμβάνονται** από το χώρο σου.

4 Μια δεύτερη ζωή



Τα υλικά που παραλήφθηκαν προωθούνται στις **κατάλληλες μονάδες επεξεργασίας και ανακύκλωσης.**

Η διαδικασία αυτή είναι πιστοποιημένη για τη διασφάλιση ότι **κανένα υλικό δεν θα καταλήξει σε χώρους υγειονομικής ταφής**, αλλά μετά από επεξεργασία θα αποκτήσει μια δεύτερη ζωή.

5 Το καλό «μετράει»



Μπαίνοντας στην εφαρμογή, μπορείς να βλέπεις ανά πάσα στιγμή, πόσα απόβλητα έχεις απομακρύνει από τη χωματερή και **τι καλό έχεις κάνει για το περιβάλλον!**

Testing the Just Go Zero App of Prefecture of South Aegean

EXTENSION

Activity 3 A green school yard

TITLE:

A green school

DESCRIPTION

Our school has a yard and a small garden. We decided to take initiative and to make them greener and more beautiful. We decided to plant herbs and small plants. We did everything by ourselves and we agreed to take care of them for the next years.

AIM

Create a greener school, understand the importance of plants and develop environmental awareness

STEPS

Our teachers told us about Mediterranean climate and Mediterranean vegetation

We read many books about the plants of Rodos and we discussed which plants we know and which ones we would like to have at school

We asked a gardener if these plants could grow and ways to take care of them

We brought stones from the beach to decorate the garden

After all, we saw that it was very easy to grow the plants

RESOURCES

Plants and gardening equipment

COST

No cost. The plants were donated by Municipality but in any case the cost is from 3-5 euros per plant. We used plants that can be easily propagated

PHOTOS









Other decorations in the framework of renovating the school yard

EXTENSION

Activity 4 Reforesting

TITLE:

Refostering the area around school

DESCRIPTION

Unfortunately the big fires of July 2023 burnt the majority of the area around our school. We were unable to do something by ourselves so we contacted the Municipality to re-plant an area and to offer ourselves as volunteers. The Municipality organized a re planting and all the school students helped. It was tragic to see the forest after the fire.

AIM

To re forest an area near school. To see the burnt area closely, to understand the importance of forest, to take action for protection of environment

STEPS

- Research on texts in Greek about the summer fires
- Research on texts in English to present the situation to our Spanish partners
- Making a Padlet with our experiences and photos of the fire
- Visit the Mayor of the village
- Presentations by scientist about ways of re fostering the burnt area
- Organising replanting with the Municipality

RESOURCES

Plants and agricultural equipment

COST

No cost, the trees and plants were donated by Municipality
Cost of transfer and snacks offered by Erasmus project

PHOTOS







EXTENSION

Replanting other burnt areas

Activity 5 Volunteer

TITLE:

Beautiful environment

DESCRIPTION

While trying to improve the natural environment, we decided that having a beautiful city is important too. We invited a volunteer group that decorates electricity boxes by paintings and we supported them to make paintings in the village. The idea was implemented together with the Mayor of the village

AIM

Make a beautiful environment by painting electricity boxes by the Volunteer group "We make beautiful our neighborhood"

STEPS

- Get more information about the volunteer group
- Inform the director of the school and the mayor of the village
- Invite the group
- Show the ugly electricity boxes in the village
- Support the volunteer group

RESOURCES

Colours and other consumables

COST

Transfer of the volunteer group, colours and other consumables

PHOTOS





EXTENSION

Decorate the school walls

Activity 6 Painting on burnt wood

TITLE:

Painting on burnt wood to be presented at school

DESCRIPTION

Students visited the burnt area in the forest near Guimar. They collected pieces of burnt wood and then had them painted at school. All the paintings were used for decoration at school corridor

AIM

To develop environmental awareness
To get the feeling of burnt land by field trip
To reuse burnt wood for decoration

STEPS

Field trip at the burnt forest
Free time for students collecting wood
Decoration of wood

RESOURCES

Wood, colours

COST

Cost of water colours, about 5 euros per set

PHOTOS





EXTENSION

Using more wood paintings in the city

Activity 7 Rugs from old Tshirts

TITLE:

Collecting old T shirts to make rugs

DESCRIPTION

The school set empty card boxes for students to throw away old T shorts. Then old T shirts are used to make rugs. A creative idea that supports recycling, circular economy and produces useful household items

AIM

- To re use old clothes
- To understand ecology and circular economy
- To produce something new

STEPS

- Announcement at school community
- Cardboxes for collecting T shirts
- Teachers coordinate re use of T shirts till the production of rugs

RESOURCES

Old T shirts

COST

Zero cost

PHOTOS







EXTENSION

Selling the rugs for charity or school events

Activity 8 School walls

TITLE:

Decoration at school area

DESCRIPTION

Taking care of all the environments around us

AIM

To make school more beautiful

To follow students' advice for decoration at school

To do something entertaining and different from school lessons

STEPS

Teachers organize groups of students that are good at painting

Groups discuss ideas

School walls decoration starts

RESOURCES

Colours

COST

Cost of colours, about 50 euros per set

PHOTOS





EXTENSION

Activity 9 Cloth repair

TITLE:

Cloth repair

DESCRIPTION

Students are taught how to repair a worn cloth

AIM

To learn basic sewing skills

To become creative

To develop awareness of second hand clothes

STEPS

Discussion about fast fashion

Ideas for second hand clothes

Photos

RESOURCES

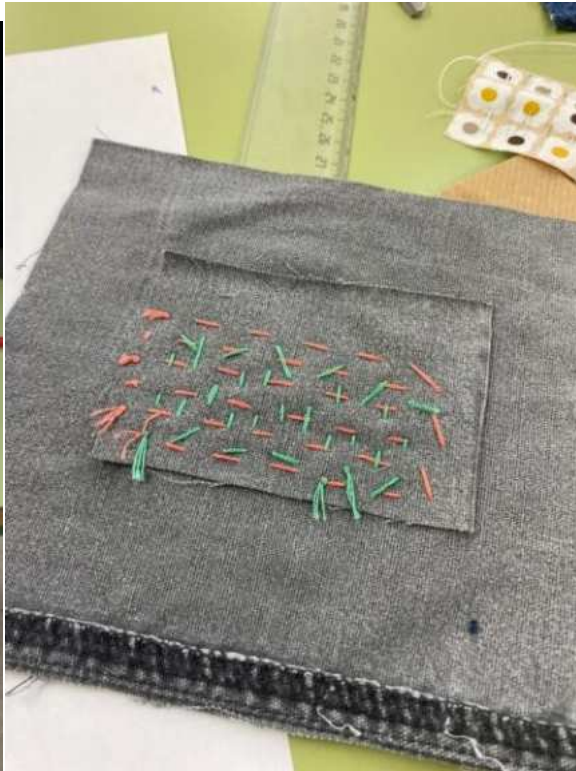
Cloth, sewing stuff

COST

Zero

PHOTOS







EXTENSION

Set a repair and second hand club

Activity 10 Animal protection

TITLE:

Voluntary group for animal protection

DESCRIPTION

Students offer their services to Municipality for the protection of animals

AIM

To develop social responsibility
To protect animals
To become active citizens

STEPS

Organise a students' group
Refer to Municipality
Work together

RESOURCES

Posters, personal contribution

COST

Cost of posters, 2 euros per each

PHOTOS





EXTENSION

Activity 11 Biological products at school

TITLE:

Plant area at school for biological products

DESCRIPTION

The gardening and agriculture departments have their own plant area at the school area. They have started producing vegetables without any chemicals which are later sold at the school entrance every Thursday. The biological products are bought by both teachers and students because they know that they have been cultivated at school, under the supervision of teachers and without any chemicals.

Students are happy to collect money for school activities and other events. At the same time they learn entrepreneur skills

AIM

Produce and sell biological products at school

STEPS

Presentation of biological agriculture

Preparation of plant area

Set of tasks for students, watering, cleaning, removing weeds

Promotion of available products for selling

Advertising the idea

Using money from selling for expansion

RESOURCES

Seeds, agricultural equipment, greenhouse

COST

Zero cost

PHOTOS





EXTENSION

Selling products to local community

Activity 12 Recycling for plants

TITLE:

Reusing items such as plastic pots for planting, wood, re planting

DESCRIPTION

Plastic water bottles are one of the biggest sources of pollution. We reuse water bottles by making them pots for plants. We also reuse cut wood for decoration. We propagate plants to create a green school

AIM

Reuse plastic bottles for planting and decoration at school area
Re use cut wood for decoration
Re plant school areas

STEPS

Collection of plastic boxes
Cutting them
Planting new plans by propagation

Collection of wood
Cutting in shape
Use for decoration

RESOURCES

Plastic bottles, plants easily propagated
Cut or burnt wood
Any "useless" material for others

COST

Zero cost

PHOTOS





EXTENSION

Selling plants to local market

Activity 13 Flowers

TITLE:

Flower bouquets

DESCRIPTION

Students create flower bouquets with fresh or dry flowers and other recycled items
They have agreement with professionals and they either buy fresh flowers every week or dry flowers
The quality is high and there are permanent customers for flowers such as shops, hotels offices etc

AIM

Understand the value of flowers for decoration
Reuse materials and items for decoration
Get new skills for personal and professional life
Get money for students' events

STEPS

Present ways of cutting and drying flowers
Navigate Internet to flower bouquets ideas
Discuss students' own ideas
Make posters to advertise the idea
Present to potential customers
Keep quality of products and contact with customers
Present the benefits for school students to customers

RESOURCES

Flowers
Any "useless" material for others

COST

Zero cost

PHOTOS





ΔΙΑ ΔΕΛ ΑΡΒΟΛ ΚΑΝΑΡΙΟ

Viernes 2 de Diciembre
En La Mesa Mota
Viernes 16 de Diciembre
En la parcela Anexa al IES el Sobradillo
De 9:00 a 14:00

Organizar:
Departamento de Agrarias IES El Sobradillo
Eje de Educación Ambiental y Sostenibilidad
Colaboran:
Ayuntamiento de La Laguna
Cabildo de Tenerife
Grupo Montañero de Tenerife

El Sobradillo

VENTA DE NAVIDAD

Sumos la empresa "ECOSOBRADILLO", formada por alumnos del IES El Sobradillo, y hemos llevado a cabo una venta de flores de pascua, abetos y demás ornamentos como iniciativa durante estas fechas con el fin de recaudar fondos para una causa solidaria.

ECOSOBRADILLO

1ª JORNADA MEDIOAMBIENTAL
IES SOBREADILLO
19, 20 Y 21 DICIEMBRE 2022

LUNES 19
17:00H. Flora y VEGETACIÓN DE CANARIAS
Dra. Jose García Casanova, Doctora en Biología ULL

MARTES 20
17:00H. FAUNA INVERTEBRADA DE CANARIAS
Dra. Antonia J. Pérez Delgado Tomic, Bióloga ILL

18:00H. FAUNA VERTEBRADA DE CANARIAS
Dra. Beatriz Rodríguez Martín, Bióloga ULL

MIÉRCOLES 21

EXTENSION

Reaching more customers, cooperation with flower shops

Activity 14 Nature walks

TITLE:

Students visit areas of natural landscape

DESCRIPTION

The students visit areas of natural landscape and nature walks

AIM

- To learn about the natural landscape of the island
- To learn to co exist in nature
- To love nature
- To protect the environment
- To socialize more with teachers and students

STEPS

- Organisation of school trips
- Discussion between students and teachers to decide on the areas to be visited
- Research about the areas to be visited and their special importance
- Recording of impressions

RESOURCES

Private items for walks in nature

COST

Zero cost

PHOTOS









EXTENSION

Activity 15 Exchange Bazaar

TITLE:

Exchange bazaar

DESCRIPTION

Organization of two school bazaars with items such as books, clothes, accessories and decorations

AIM

Familiarize students with the idea of reducing consumption through policies such as: Don't buy – exchange

STEPS

Establishment of an organizational team of students and teachers

Informing teachers, pupils and parents

Gathering of objects

Specify dates: 30 November – 1 December 2023 and 15 May 2024

Creation of a small poster and a banner outside the library area

Visit of students to the bazaar area. Only students who had offered bazaar items for exchange could get as many objects as they wanted.

RESOURCES

The objects were brought by students, teachers and friends of our school. We aimed to have more items than the number of students and we succeeded

COST

Consumables for posters and purchase of a clothes hanger

PHOTOS









EXTENSION

Any items not sold, were given to another school to support their own bazaar

Activity 16 School vegetable garden

TITLE

School vegetable garden

DESCRIPTION

Creation of a school vegetable garden in the yard

AIM

Familiarization of students with the process of sowing and growing vegetables.

STEPS

With members of organisation Cosmic Φ <https://www.facebook.com/Cosmicfkoinscp> which implements environmental activities within the framework of its Solidarity Plan entitled: "Sustainable culture- Permaculture School/Public gardens – digital recording-educational material (Solidarity Project- European Solidarity Corps) we have created a flower bed 6 meters long and 1 meter wide for planting vegetables.

- We bought soil, seeds and plants
- We planted vegetables and fruit trees to produce food
- We used the organic materials of the yard to start the compost process.
- We picked lettuce, onions, parsley, mint, celery and tomatoes within 3-4 months.

In the same flowerbed we planted sunflowers that have already grown and we will cut them in October.

RESOURCES

- Voluntary contribution by Cosmic ϕ for the materials and the construction of the flower bed.
- Voluntary work of Cosmic ϕ members together with teachers and students.
- Collaboration with Cosmic ϕ members for the training related to seeding and planting in the flower bed until the end of the program. They implemented a special programme for schools in accordance with the principles of non-formal learning.
- Assistance of the members of the educational team throughout the process.

COST

Purchase of soil, seeds and plants, gardening tools, consumables (watering hoses, pots) fees for training, installation of automatic watering system.

PHOTOS







EXTENSION

Collaboration with students of the 1st Gymnasium Papagos with their teachers as some teachers work in both schools that share the school yard. Next school year 2024-2025 we will continue the activity of the vegetable garden, because we now have the infrastructure and the cost will be much lower.

Activity 17 Visit at Garden Centre

TITLE:

Visit to the Garden Centre Gryllis in Marathon

DESCRIPTION

Visit in March to Garden Centre that belongs to the Open Farms network and implements educational guided tours for school pupils

AIM

Acquaintance of students with many species of plants and trees, exotic gardens and vertical garden facilities, lakes with water lilies, etc.

STEPS

Visit to the Garden centre located in Marathon.

The owner and agronomist Ioannis Gryllis guided the students to the 17-acre centre where one can see over 2000 different plants, Mediterranean and exotic. We saw gardens from Bali, China, Japan, Mexico and a Mediterranean garden, a lake with water lilies and another with Japanese koi fish, we saw cacti and a small bamboo forest. He explained the technique for creating vertical gardens and answered questions about the initial idea of the nursery, the evolution of the business, studies at the Agricultural University, etc. The students were offered a snack and fruit juices and then we bought plants for our school. The centre offered a small plant to each student.

RESOURCES

The visit was organized by the educational team of the program and Cosmic f partner who first visited the site and discussed the details of the activity.

COST

Bus costs from Papagos to Marathon and purchase of plants for school

PHOTOS







EXTENSION

Activity 18 Compost

TITLE:

cCmpost

AIM

Learning how to prepare compost from garden materials and household waste

STEPS

- Collecting dry leaves from the schoolyard
- Supply of green grasses by the services of the Municipality of Papagos-Holargos
- Supply of coffee waste from cafeterias and household waste brought by students and teachers from their home.
- Training in the process by a special collaborator of Cosmic φ twice a week to students of classes A and B. A total of 8 classes from the 1st Upper Secondary School of Papagou and 3 classes of the 2nd class of the 1st Papagou High School.
- The compost materials are stacked in a conical shape and mixed every week by the students to facilitate the decomposition process. The mixture raises the temperature up to 60 degrees Celsius.
- At an early stage, layered materials are constantly added. This is called lasagna. The mixture is also lightly watered each week with water. After 4 months the mixture is allowed to completely decompose.
- A group of 8 students made a team that were responsible for the compost.
- The final product will be ready for use as fertilizer on the plants after 6 months.

RESOURCES

Dried leaves, lawns and green pruning materials, coffee and household waste

COST

Purchase of garden tools, watering hoses, payment for Cosmic φ

PHOTOS









EXTENSION

Participation in the process of compost by students of 3 classes of the 2nd grade of the Gymnasium

Activity 19 Eco school

TITLE:

Ecological yard/plantings-interventions

DESCRIPTION

Planting at the school yard (plants in flower beds, climbing plants in fences and planting fruit trees), creating a flower garden of aromatic plants that attract bees, placing plants in classrooms, visiting a garden centre in Marathon and attending its educational program.

AIM

Develop good practices that students can apply at home.

STEPS

Purchase of books relating to horticulture, plants, beekeeping, etc.
Inventory together with the students of the spaces where the green interventions could be made.
Establishment of planting and watering groups.
Supply of plants for planting and purchase of gardening tools.
Buy succulents and other plants that are resistant and do not require much care.
Propagation of plants by cuttings and transplants.
Purchase of a large indoor plant for each of the 15 classrooms. Creating a green corner in each class.
Placement of air-cleaning plants in the teacher's room and school administration areas.
Visit to one of the open farms in Attica that prepare educational programs for students.

RESOURCES

Help from teachers of the school, from gardeners of the Municipality of Papagos-Cholargos and from collaborators of Cosmic φ. Supply of plants from the farmers' market, from nurseries and from our personal gardens.

COST

Purchase of plants and tools, soil, pots, books, payment of professionals who cooperated with us, bus rental for the educational visit of the students and for the tickets of the tours.

PHOTOS







EXTENSION

The plantings in the schoolyard were also made with the participation of the students of the 1st High School of Holargos with which we are co-located. We have completed the automatic watering system and from the new school year we will continue with the maintenance of plants and the purchase of new ones in the context of school environmental programs.

Activity 20 Manufacture of items from recyclable materials

TITLE:

Manufacture of articles from recyclable materials

DESCRIPTION

Creating greeting cards and jewelry from recyclable materials such as paper, fabric, plastic, buttons, threads, old books and magazines.

AIM

Learning techniques to reduce waste and develop students' creative skills.

STEPS

Familiarity with the concept of upcycling and sustainable fashion.

Presentation of works made by ordinary consumers, artists (arte povera) and designers around the world.

Collection of recycling materials and creation of new objects (paper, jewelry, new clothes, decorations, etc.)

Implementation of two workshops, one for greeting cards and one for jewellery, with help of school teachers.

Presentation of the works in an exhibition at the end of the school year and promotion on the internet.

RESOURCES

Supply of used items from city bazaars (clothing, buttons, beads, decorations, fabrics, leathers), from the students and teachers, from school books intended for recycling and from old jewellery.

COST

Purchase of basic sewing tools, various adhesives and consumables.

PHOTOS





EXTENSION

Students from the 1st Gymnasium of Papagos also participated in the action, as there are teachers working in both schools.

Activity 21 Recycling at school

TITLE:

Recycling.

DESCRIPTION

Students make recycling cardboard boxes for each classroom, for the school administration, the gym and the library. They collect paper and plastic. Collection of electrical and electronic devices on the school premises.

AIM

The aim is to reduce waste at school, to present the importance of recycling and to develop good practices for the protection of the environment.

STEPS

Use of A4 carton of photocopies,

Creation of a group of students for the collection and transportation of the materials to the Recycling Center of the Municipality.

Use of the money for the purchase of plants in classrooms

Participation of the school in the competition announced by the Recycling Center for school that would recycle the largest amount of plastic.

Installation of a bucket for recycling electrical and electronic devices in cooperation

RESOURCES

Paper and plastic that the students would throw away during school classes as well as material that some students would bring from their home. Electrical appliances for recycling from school and from home of students and teachers.

COST

Zero, on the contrary, there was a small amount as profit to buy plants.

PHOTOS







EXTENSION

This action was extended to 1st Papagou High School