

# Beyond the farm

#GSLGoals

## Our vision

Every year at PeaceJam club, we arrange a new project to help our planet or community. This year we wanted to do something big so as to influence our school and local community. Since we are 19 members in the club we managed to work on 3 projects: *Recycling, Greenhouses, Food for all.*

### Goals of every project:

Change our community's recycling habits

Make the planet "breathe" with our collective recycling

Help farmers to have the absolute control of the conditions in their Greenhouses at any time.

Minimize the usage of energy resources which are used to preserve the favorable conditions in the greenhouses.

Zero food waste at the American Farm School.

2 ZERO HUNGER



7 AFFORDABLE AND CLEAN ENERGY



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



17 PARTNERSHIPS FOR THE GOALS



## What we did

Created posters in order to intrigue more and more people to get involved in our mission.

Created a schedule to keep track of who was responsible for either collecting or recycling the bottles each week.

After periodic research with our school's agriculture teachers, we came up with an idea.

With the help of our school's robotics team, we designed our project and placed the sensors in the soil and the greenhouse.

Communicated with the organization Boroume which helped us to contact people in need to donate to them the untouched portions of our food.

Found sponsors who donated to us containers for the food portions.

Raised students' awareness about food waste with success.

## Impact of our work

We managed to recycle 56,976 bottles within three months thanks to our classmates and the cooperating stores.

Unfortunately, we didn't have the chance to fully implement our project due to the coronavirus (COVID-19) pandemic.

We would have collected our data and the measurements needed with the help of our sensors.

We would have analyzed the data with the help of the software we created and we would have completed the project.

Within a year we have helped 22 families and donated about 200 portions of our remaining food.

Our classmates are really imassionated with our project and they help us with every chance.

## Highlights of the project

Thanks to a national compensatory recycling competition we were encouraged to recycle.

Placed special bins for the bottles in our schools and our dorms.

Approached restaurants and cafeterias to collect bottles for us.

Visits in the recycling park in Lagkadas to recycle the bottles every Friday for 3 months.

We used state-of-the-art technological equipment which requires less energy to preserve the conditions in the greenhouses.

We collaborated with the robotics club and the greenhouses' manager who helped us to measure our progress.

On 04/08/2019 we donated the first portions of food.

We have cooperated with our dining hall staff and "oroume" to donate unconsumed portions every week.



## What we have learned

"I learned that teamwork divides the task and multiplies the success!" —Xara

"I learned that greenhouses are very sensitive and accuracy is extremely important." —Maria

"The "Food For All" project made me realise that everything granted for me is not necessarily for my fellow humans as well." —Odysseas

"I learned that recycling does not need to be big in order to have an impact. One step at a time." —Louiza

"What I like most about the greenhouse project is the application of agricultural knowledge beyond classrooms" —Kostas

"If one word explains how I have been influenced by the "Food For All" project, it would be generosity" —Evmorfia

"The recycling project helped me to change bad habits as wrapping food in single use materials." —Thanos

"I have learned the worth of teamwork and how important is the relationship between humans and nature." —Paraskevi



## Future plans

Planning to continue this project and establish a compensatory recycling tradition in our school community.

The creative instruments will be used by all Farmers in Greece in order to take accurate measurements and ensure the proper growth of all plants in their Greenhouses.

We will expand our service to more people in need and we will raise people's awareness outside of our campus community.

We plan to continue this project for many years.

# 113

Hours

Our members worked on the projects in total.

## Special thanks

We would like to thank Ms Papaevaggelou, Ms. Penna, Mr Pegiopoulos, Mr Kabouris and all the members of the robotic club who contributed to our projects as well as the following companies and organizations:



### project role

Project Coordinator  
Project Coordinator assistant  
Ideas Developer  
Ideas Developer  
Info Gatherer  
Info Gatherer  
Info Gatherer  
Activities Panner  
Poster Creator  
Photographer

### Name

Eleftheria Topaloglou  
Evmorfia Spanoudi  
Dimitra Prassa  
Maria- Louiza Dimtsoudi  
Maria Ioannou  
Engenios Salagkoudis  
Tania Kalabouka  
Paraskevi Kotsakiachidou  
Galini Moustaka  
Odysseas Koufos