



eSchool Garden

S C H O O L G A R D E N S
F O R F U T U R E
C I T I Z E N S

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#ESGARDEN

eSchool Garden 

COMPOST IS NATURE'S TREASURE



The aim of this activity is to raise awareness of the benefits of recycling our food waste to the environment.

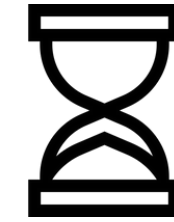
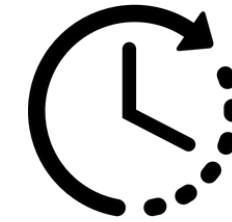
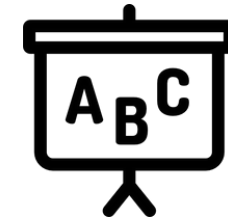
Composting is a way to promote a responsible and environmental friendly way to deal with waste.

Based on experimental learning students will find out that the compost finished product enhances the soil in our school vegetable garden and help us to use less chemical that destroy life in soil and cause environmental and health problems

They will understand that when materials rot, harmful gases as carbon dioxide and methane are released which can be prevented as composting is an aerobic process



COMPOST IS NATURE'S TREASURE



AGE OF THE STUDENT

This activity is thought for 12 year- old students.

However, it could also be adapted for any other students from 6 to 12 years old.

SUBJECTS INVOLVED

English
Environmental studies
Greek language
ICT

DURATION

An academic year. Students can practice composting every year since their habits change towards the waste of their lunch.

TIMING

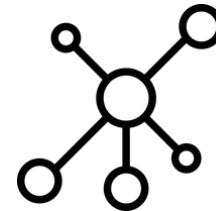
Warm- up
Investigation
Developing activities.
Final products.

COMPOST IS NATURE'S TREASURE



CONTENTS

- Comprehension of texts
- Information search and retrieval
- Creation of digital contents
- Creation of worksheets and games
- Design of posters
- Importance of acquiring of healthy habits.



METHODOLOGY

The students learn through observation in nature, discussion and research .Autonomy is encouraged since they are active, they take decisions and social communication is enhanced as they are engaged to be more responsible . Furthermore students develop problem solving skills so as to promote their project and extend their teaching to our younger students.



COMPETENCES

- Take responsibility
- Collaboration
- Critical thinking
- Creativity
- Respect natural resources
- European citizenship
- Understand the interaction of humans and environments
- Understand the process of composting and explore active compost

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RELATION WITH THE GARDEN

One of the first steps in changing food culture is the develop a food growing area at school. .A part of this is having an effective composting system in place. Composting is a great way to convert organic food scraps, leaves and plant clippings from our garden into valuable, natural fertiliser that can be added to it and help children to grow in a safe and a sustainable way and respect nature.

INCLUSION

The activity can include students with special needs as it is based on collaboration and it helps to built strong relationships, helping students from different environments to participate, cooperate and achieve their goals.

IMPACT

Teachers and students have the opportunity to work outside the frames of the classroom and to be close to nature. Theachers change their traditional teaching methods providing meanfull learning and introducing interdisciplinary approach, connecting different disciplines and connecting with real word .

COMPOST IS NATURE'S TREASURE



PROGRESS AND FUTURE GOALS

The students become more responsible and they realise that their every day actions can affect the Environment. They start to adopt eco friendly habits and with their families, they can change, be aware that their actions have an impact and become eco- citizens. Collaboration and critical thinking contributes positively to the learning process. Finally teachers' and students' digital skills are improved.

RELATION WITH SOCIETY

Living in sustainable manner is very important for society . Future citizens must realise that they have to be responsible to live in a healthy environment. Students must realise that with small everyday actions they and their families can lower their individual carbon footprint.

Other schools can be informed about our activity and be inspired to start composting too.

COMPOST IS NATURE'S TREASURE



PREVIOUS KNOWLEDGE

What do teachers need?

- Medium-low digital competence
- A good level of English.

What do students need?

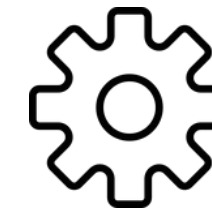
- Internet connection
- A compost bin



MULTIMEDIA LINKS

In the following links you will find:

- a video about composting
- a video showing a summary of the project
- interactive posters
- a quiz about composting and recycling a
- a presentation



MATERIALS

- Computers to look for cooking information retrieval
- Dictionaries to learn specific words
- A compost bin
- Materials from school to create the poster
- Ingredients from the school garden.

PHASE 1: WARM- UP



Having a garden in our school gives the opportunity to be closer to nature and to increase environmental awareness. We installed our compost bin in our garden so that food scraps convert into natural fertiliser for our food growing area.



We inform our students with a poster about the changes that take part in our school and how their everyday habits must change.



Students search information on the internet and create a poster about the benefits of composting

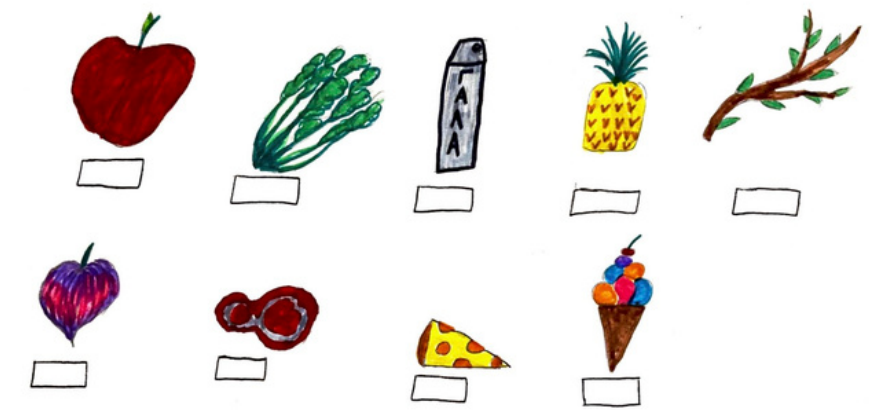
PHASE 2: EXPLORE.



After the installation of our compost bin, we created a word cloud after a brain storming activity in the classroom. The question was 'What does compost mean to you?'



In order to understand how compost works they watch a presentation and they do worksheets to evaluate what they have learned.



ΤΙ ΜΠΑΙΝΕΙ ΣΤΟΝ
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They create their worksheet too.

PHASE 3: START COMPOSTING



We visit the garden so that students can observe which plants they can harvest and which plants they can compost.



Students start compost after the zero waste lunch day to give the message that from now on all food scraps must be composted



Finally, they create a poster explaining how much important is composting and they decorate it and place it to our recycle corner. Their aim is to start a campaign to engage all the students in our school.

PHASE 4 : DEVELOPING ACTIVITIES FOR OUR CAMPAIGN



In order to engage all our students we created a logo and a poster



Students in groups created a game for younger students to play it in the classroom. They give a playful aspect to the activity. They also create worksheets



Students in groups explained the advantages to the other classes and tried to persuade them.

PHASE IV: FINAL PRODUCTS AND INTERACTION IV



In order to engage them they created badges to give to the classes that participate more in our compost



Team work and collaboration helped them to promote their goals and to motivate many students



Finally some students gave the badges and rewarded their schoolmates, showing them their appreciation

PHASE IV: FINAL PRODUCTS AND INTERACTION IV



A waste separation corner was created in our school encouraging the other students to participate in our projec.



A. video with our activities was created



In order to evaluate the knowledge that the students have acquired , they have answered a digital quiz .

PHASE IV: FINAL PRODUCTS

SOW THE EARTH WITH GREEN DREAMS



SCHOOL GARDEN FOR FUTURE CITIZENS



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