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GREEN AGRIPRENEURS OF FUTURE

GREEN AGRIPRENEURS OF KARAMEHMET *magazine*

2025

this magazine
is prepared by
green
entrepreneur
students of
karamehmet
middle school



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GREEN AGRIPRENEURS OF FUTURE

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BECOME A GREEN AGRIPRENEUR

What Is Green Entrepreneurship and Why Is It Important?

Green entrepreneurship means starting a business that helps the environment. These businesses try to reduce pollution, save energy, and use natural resources wisely. For example, they might sell eco-friendly products or use solar power.

Green entrepreneurs care about nature and the future. They want to make money, but they also want to protect the Earth. Today, we have big problems like climate change and plastic waste. Green businesses can help solve these problems.

In my opinion, green entrepreneurship is very important. It helps people live better and keeps the planet clean for the next generations. I hope more people choose green ideas when they start a business.



**WHAT IS GREEN
ENTREPRENEURSHIP
AND WHY IS IT
IMPORTANT?**

Zeren ASLANTAY

CHIEF EDITOR





MESSAGES FROM OUR TEACHERS



Dear students, the ecological balance of our planet is very important for all living things. It helps animals, plants, and humans live in harmony. If we destroy this balance, we will face big problems like global warming, water shortages, and species extinction. Please take care of nature—recycle, save water, and respect animals and trees."

Ugur ADIN



Hello students, today I want to mention about why ecological balance matters. Everything in nature is connected. If one part is damaged, the others will suffer too. We need clean air, water, and soil to live. That's why we must protect forests, oceans, and animals. Together, we can help the Earth stay healthy and beautiful."

*Cüneyt
KARAKILIC*





HOW DID WE BEGIN?

After learning that we were involved in the green agriculture entrepreneurs project, we, as students who voluntarily participated in the project, held meetings with our teachers at our school for weeks. As a result of our meetings, can organic farming be done in our school garden to raise awareness for green agriculture? We set out with the questions of whether it would raise awareness of our school students in terms of ecology and agriculture culture. In the end, we decided that such a work would set an example for both us and our environment and we set off.



WE STARTED WORKING FOR OUR GARDEN

We decided on the area where we will apply green agriculture in our school garden and started to work.

As students, we carried soil for our garden. We cut and installed pipes for our strawberries.

Before doing all of this, we used what we learned in STEM activities. We thought about important factors like sunlight, wind, and humidity. Then, we chose the best place in our garden based on these conditions.





As a project team, we placed our compost soil, which we created with the organic waste we collected at our school.

Compost soil has a very important role in green agriculture. Compost is made by decomposing natural materials such as plant and food waste. This natural fertilizer enriches the soil and makes plants grow healthier. We also don't need to use chemical fertilizers, which helps to protect the environment. Compost makes the soil more fertile, retains water better and reduces erosion. Using compost in green agriculture benefits both nature and people. I think everyone should compost in their garden!

COMPOST ENRICHES THE SOIL, PROTECTS THE ENVIRONMENT AND IS USED AS A NATURAL FERTILIZER IN GREEN AGRICULTURE.



WHAT IS COMPOST SOIL



In this interview, a middle school student asks his science teacher how compost soil is made and its benefits for agriculture.

Berk MENTEŞOĞLU: Hello Mrs. YALÇIN! I heard about compost soil in science class, but I don't quite understand how it is made. Could you tell us a little bit about it?

Neşe YALÇIN: Sure, I will be happy to tell you. Compost is a type of soil that is formed when organic or natural wastes decompose over time and become useful for the soil. It both reduces harmful wastes to the environment and nourishes the soil.

Berk MENTEŞOĞLU: Which wastes can we use to make compost?

Neşe YALÇIN: Generally, natural materials such as vegetable and fruit peels, egg shells, tea and coffee pulp, dry leaves, small twigs and paper are used. However, things like plastic, meat and dairy products should not be put in.

Berk MENTEŞOĞLU: How should we collect this waste?

Neşe YALÇIN: You can have a compost bin at home or a special compost area in the garden. We place the waste alternately, one green (moist waste) and one brown (dry waste).

Berk MENTEŞOĞLU: How long does it take for the compost to form?

Neşe YALÇIN: It usually takes 2-3 months, depending on weather conditions and the frequency of mixing. It is very important to stir it occasionally and keep it moist. This way the microorganisms break down the waste faster.

Berk MENTEŞOĞLU: What is the benefit of using compost for agriculture?

Neşe YALÇIN: Compost soil nourishes plants, increases the water retention capacity of the soil and reduces the need for chemical fertilizers. In other words, it both protects nature and ensures the growth of healthy products.

Berk MENTEŞOĞLU: Thank you very much Mrs. YALÇIN.



AN INTERVIEW WITH AN AGRICULTURAL ENGINEER ABOUT ECOLOGICAL FARMING

Interviewer: Elif Y. (8th Grade)

Guest: Agricultural Engineer Altuğ Soyözen

Elif: Hello Mr. Altuğ! Thank you for taking the time to talk with us for our school magazine. My first question is: What is ecological farming?

Altuğ Soyözen: Hello Elif, thank you! Ecological farming is a way of growing food without harming nature. It avoids using chemical pesticides and fertilizers. Instead, it protects the soil, water, and air. It also provides a healthy and natural environment for animals.

Elif: How does this type of farming affect human health?

Altuğ Soyözen: It has a big impact. Fruits and vegetables grown with ecological methods are free from chemicals. That means people eat healthier food. This is especially important for children and elderly people, because chemical residues can cause health problems over time.

Elif: What does sustainability mean, and how is it connected to ecological farming?

Altuğ Soyözen: Sustainability means producing food in a way that protects the environment and ensures that future generations can also enjoy a healthy planet. Ecological farming supports this goal. It doesn't damage the soil or pollute water sources. So, it's good for today and tomorrow.

Elif: Finally, what can students like us do to help?

Altuğ Soyözen: Great question! You can raise awareness in your school and family. Organize "support local markets" days or help with waste sorting at home. Supporting local and organic farmers is also very important.

Elif: Thank you so much, Mr. Altuğ. Thanks to you, we now understand how important ecological farming is!

Altuğ Soyözen: You're very welcome. Always remember, nature is our home. The better we take care of it, the better it takes care of us.





The importance of water use in green agriculture practices

In Green Agriculture practices, the efficient and economical use of water is a must for green agriculture. We used drip irrigation method in our application garden and applied it in our green agriculture project in an efficient and economical way.

We used water in our garden by evaporation method using a vaporizing nebulizer.





Paragraf metniniz

Messages from our friends

We received feedback from our friends about Entrepreneurship.
Here are a few of them..



Ayşenur (6th grade):

Creating something and making people's
lives easier is a great feeling.
Entrepreneurship is not just about
making money, it's about making a
difference. We shouldn't be afraid to try!



İpek(6th grade):

Entrepreneurship is the first
step to turning our dreams
into reality. Starting with an
idea and helping others is
exciting. I also want to start
my own business one day!



Deniz (6th grade):

You don't have to be an adult to be an
entrepreneur. Even small ideas can
lead to big changes. We just need to be
brave and never give up. Every success
starts with a dream.



Mustafa (7th grade):

Sometimes we notice a problem and want to
solve it. That's what entrepreneurship is! I want
to start a project about the environment.
Helping nature and others would be amazing.



Zeynep (6th grade):

My friends and I came up with an idea for a
game app. It's so fun to have the spirit of
entrepreneurship. To bring our ideas to life,
we need to read and research a lot.

metniniz

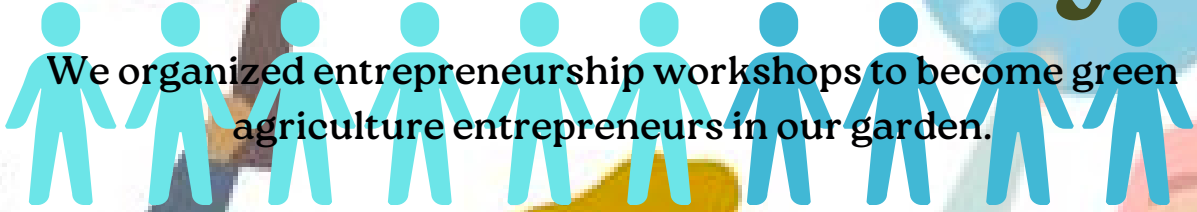


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GREEN AGRIpreneurs OF FUTURE

Entrepreneurship & Sustainability

We organized entrepreneurship workshops to become green
agriculture entrepreneurs in our garden.





green agriculture painting contest

a painting competition was organized in our school to spread our project and raise awareness, here are some images from this competition



Sena A. 6/F



Ayşe M. 5/H



Cemil T. 6/A

WE THANK OUR
FRIENDS FOR ADDING
COLOR TO OUR
PROJECT WITH THEIR
PAINTINGS.



Berra Eylül E. 6/C



Buglem A. 5/G



Elif Mina G. 5/G



From Our STEM Workshop

In our school, we organized a Stem Workshop with math, science, informatics and foreign language teachers. As a result of the Stem Activities, the students involved in the project made their projects on green agriculture, organic food and clean energy. Here are some of these projects:





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GREEN AGRIpreneurs of Future

Videos of the leminazotor and compost machines prototyped by 2 of our friends as a result of the STEM workshop



Now the lettuces are huge
as you

leminazotor
project by Berk M.
6/F



compost machine we have made

composting unit Project
by Zeren A. 6/G



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GREEN AGRIPRENEURS OF FUTURE

SCENES FROM THE CULTIVATION STAGES OF THE PRODUCTS IN OUR PROJECT GARDEN

We placed our Compost Soil and
Crop Growing Equipment.





We grabbed our tiny green dreamers and tucked them snugly into the earth!





We grew our vegetables and fruits with love by using water sparingly.

