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OUR ECOLOGICAL FOOTPRINT



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Humans have basic needs to survive.

These are the needs such as

- ✓ nutrition,
- ✓ shelter,
- ✓ heating and
- ✓ clothing.

Our world offers us these resources. We try to meet these basic needs in our lives.

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Nutrition



We consume foods derived from plants and animals.

Cereals



Vegetables



and we eat fruits.



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We have houses to live in.



Our clothes for dressing

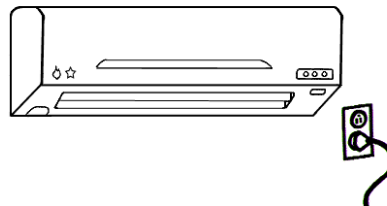
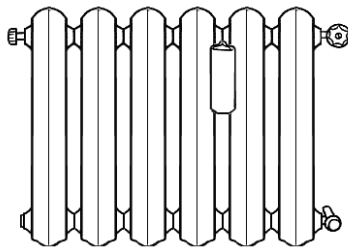
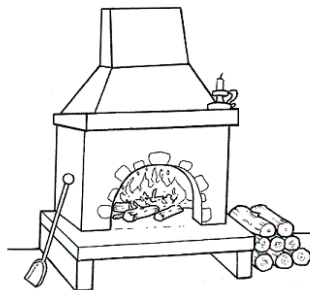
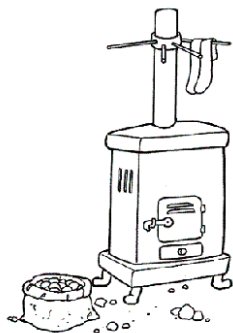


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to keep warm in our homes.;



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We are part of nature. We meet these needs, which we have stated, from what nature offers us.

While meeting these needs, we also affect the nature that surrounds us negatively.



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What do you see in this Picture





Ecological Footprint,

It is an expression that shows how much we consume the resources that our world has with our activities(Wackernagel & Rees, 1998).

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Ecological footprint is the area of land and sea that provides nutrition, shelter, heating and neutralizes the wastes that arise.



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EKOLOJİK AYAK İZİ BİLEŞENLERİ



Karbon

Okyanuslar tarafından tutulan miktar dışında fosil yakıt kullanımıyla oluşan CO₂ emisyonlarının sekestrasyonu için gerekli olan toplam orman alanını ifade eder.



Tarım Alanı

İnsanın gıda ve lif tüketimi, hayvan besini, yağlı bitki ve kauçuk temin etmek için ürün yetiştirmek amacıyla kullanılan toplam tarım alanını ifade eder.



Otlatma Alanı

Et, süt, deri ve yün üretmek için yetiştirilen çiftlik hayvanlarının toplam otlatma alanını ifade eder.



Orman

Kereste ürünleri, kâğıt hamuru ve yakacak odun temini için gerekli olan toplam ormanı ifade eder.



Yapılaşmış Alan

Ulaşım, konut, endüstriyel yapı, hidroelektrik enerji rezervuarı gibi altyapıya yönelik alanların toplam büyüklüğünü ifade eder.



Balıkçılık Sahaları

Tutulan deniz ve tatlı su türleri verileri baz alınarak, balık ve deniz mahsullerini desteklemek için gereken tahmini temel üretimden hesaplanır.





Today, people are not aware of how much damage they cause to nature.

While meeting our own needs, we must respect and care for nature.



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Resources

<https://www.youtube.com/watch?v=vy4pzjDULGY>

<https://www.youtube.com/watch?v=JviiWGt9vaU>

<https://www.youtube.com/watch?v=Xny3b8dCxhI>

<https://www.youtube.com/watch?v=fACkb2u1ULY>

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The more damage we cause to our environment, the greater our ecological footprint; If we act environmentally friendly, our footprint will be smaller.

The smaller our Ecological Footprint, the less damage we do to our environment.

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WHAT CAN YOU DO TO REDUCE OUR ECOLOGICAL FOOTPRINT?



NUTRITION

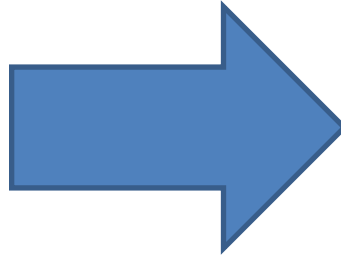


We should consume natural foods. We should have a balanced diet with vegetables and fruits.



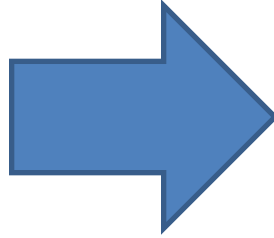


We must bring our own bags when shopping with our families





We should not consume too many processed foods out side. We should make our meals at home.





Instead of packaged foods sold in markets, we should consume home-made foods.





We should not choose processed foods.



ENERGY



We should always turn off the lights when we are not using them.



*Kullanmadığımızda
Kapatalım!*





During the winter months, we should close the windows while our house is warming up.





**We should not leave the tap open for nothing.
We have to close immediately.**





We should warn those who leave the light and water on unnecessarily.



TO REDUCE OUR WASTE



We shouldn't be able to buy packaged products.





We should not waste papers.





**We shouldn't be using plastic bottles.
We have to use our personal waterers.**





We shouldn't buy products we don't need.





We need to use our broken items by repairing them..





We must recycle our waste.





We must protect nature and not pollute it..





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We should inform our family and friends on how to reduce their ecological footprint.



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**FOR YOUR PARTICIPATION
THANK YOU.**





Literatures

Wackernagel, M., & Rees, W. (1998). *Our ecological footprint: reducing human impact on the earth* (Vol. 9). New society publishers.

Güngör, H. (2019). Developing sustainable living opportunities with ecological footprint practices in a preschool education institution (Unpublished doctoral dissertation in Turkish). Pamukkale University, Denizli. <https://webdosya.csb.gov.tr/db/samsun/webmenu/webmenu4374.pdf>
<http://climatechange.boun.edu.tr/ekolojik-ayak-izi-nedir/>

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