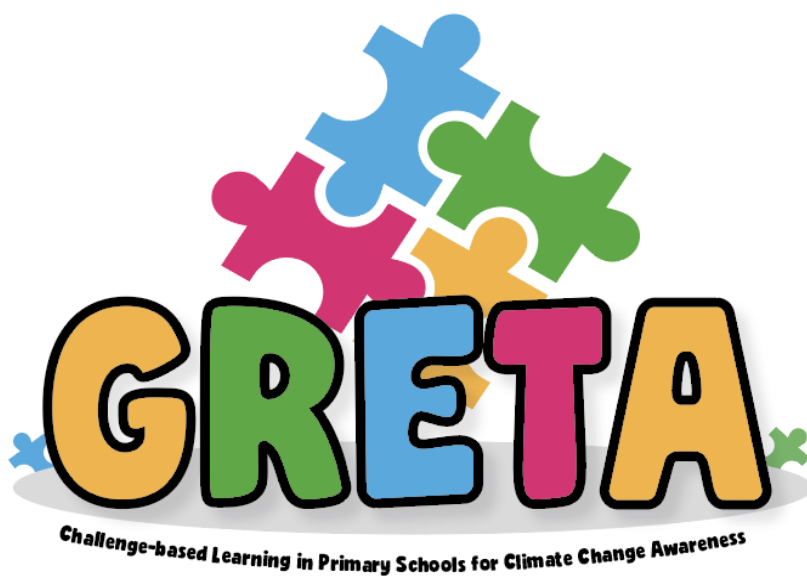




WebQuest
Advanced Level -
My Food Miles



WebQuest Title:

My Food Miles

WebQuest Level:

Advanced Level

INTRODUCTION

Have you ever thought about the journey that different foods make before they reach your plate?

Do you know what the food you choose to eat has to do with climate change and the destruction of the environment?

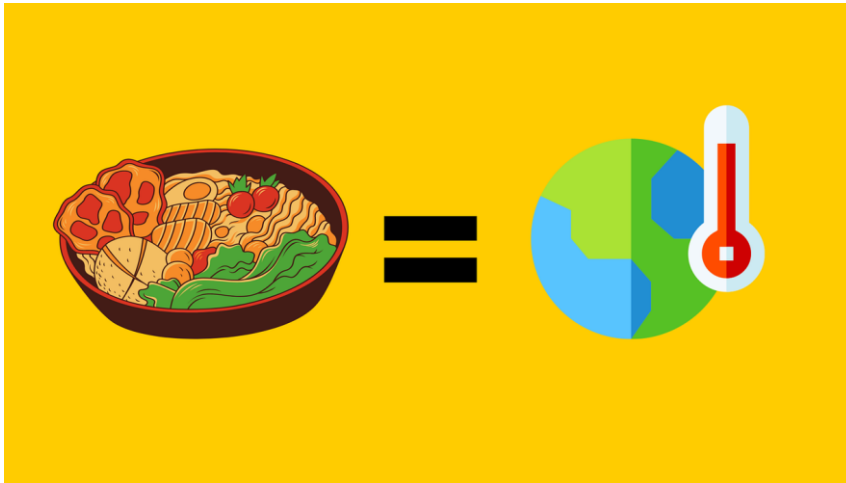


Image by [Prathamesh Sardesai](#) from [Pixabay](#)

TASKS

Through this WebQuest you will learn the meaning of the phrase "Food Miles" and the relationship between the food we eat and the environmental destruction.

At the same time, you will learn ways in which you can reduce the number of miles the food travels before you eat it.

Reflection at the end of the WebQuest is an important step towards a better tomorrow.

Let's get started!





PROCESS



Step 1: The food journey

Before food arrives on our plate, it has a journey. The first step is to study more about the process from production to consumption of food.

To find out more information, visit the following links:

What is food miles?: [Domestic and non-domestic products](#)

What is the food production process?: <https://energypress.gr/news/ti-xerete-gia-ta-food-miles-ton-trofimon>

Step 2: Compare...kilometres

Explore the table with the different foods that arrive into Cyprus and their country of origin. Using the length calculator (<https://www.helppost.gr/xartes/ypologismos-apostasis-mikos-se-xarth/>), fill in the kilometres each food travels to reach its destination.

Instructions for using the calculator:

- Locate the destination country (in this case it is Cyprus).
- Click on it to release the flag.
- Locate the country you are looking for.
- Tap on it to join the two points.
- In a box, below the map, the distance will be displayed (select "Distance in... kilometres").

Food	Origin Country	Distance to Cyprus (in Km)
Edam Cheese	Netherlands	2948
Avocado	Mexico	
Valencia Oranges	Spain	
Salami	Italy	
Cocoa	Côte d'Ivoire	

After completing the above table, discuss the distance the food travels to reach its destination each time.

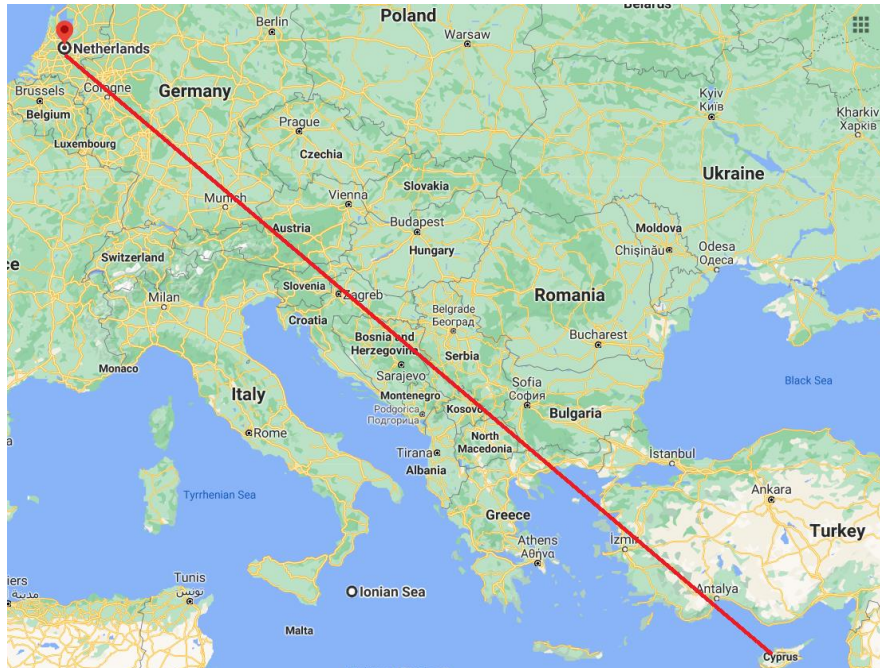
Step 3: How the cheese will reach your plate!

Let's look at it a little more closely!



Edam cheese is produced in the Netherlands and travels a long way until it reaches Cyprus. Discuss with your group the route from production to consumption.

Create a drawing on paper showing the means of transport used at each stage (e.g., Milk is transported from the farms to the factory by truck. The factory processes it and transports it... etc.)



Discuss the following:

- Which means of transport were used? How many times?
- What type of energy the means of transport used?
- What pollution do the means of transport emit into the environment?
- What harm do the means of transport cause to the environment?
- What would be the difference if I buy cheese that is made in Cyprus and not

abroad?

Step 4: Food and the environment

Our nutrition is a major contributor to environmental pollution and degradation. But why is this happening? As you have seen above, any food that comes from abroad must travel a distance before it can be consumed. This process is a burden on the environment because of the energy needed to travel.

To learn more, visit the following links:

Air pollution: <https://www.airquality.dli.mlsi.gov.cy/el/air-pollution>





Environment and means of transport: <https://www.maxmag.gr/thematikes/perivallon-se-krisi/perivallon-kai-mesa-metaforas-poio-einai-to-pio-rypogono/>

Noise Pollution: <https://www.beconscious.gr/be-eco/228-ixorypansi-poso-epikindyni-einai>



www.wwf.gr

Step 5: How to reduce your food miles!

Discuss with your group ways to reduce your food miles!

The information in the articles can help you:

Reduce your food miles: <http://www.diatrofisimera.gr/psychologia/idees-kai-kinitra/oikologia/meioste-ta-trofoxiliometra-sas/>

Less food miles: <https://www.omorfizoi.gr/ligotera-trofochiliometra>





EVALUATION

Reflect on the food choices you and your family make, considering the knowledge you have gained from today's WebQuest about the environmental impact. Your essay should not be longer than 200 words.

CONCLUSION

Congratulations! You have reached the end of the WebQuest.

You have learned what the phrase "Food Miles" means, how it negatively affects the environment and how you can make a positive contribution.



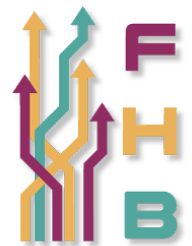


GRETA

Challenge-based Learning in Primary Schools for Climate Change Awareness



Istituto Comprensivo "Don Milani" di Lanciano



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