

SYNAPSES

Marathon, 7-12/7/2024

Am I aware of
Climate Change
and can I protect
my Nature?

Vasiliki Psaridou





Introduction

This scenario challenges Primary school students (age 10-12 years old) to make a difference in research and protection of the Earth. In this program, students will take on the role of climate scouts, while learning about the Earth's Environment and climate. They will mainly focus on disasters resulting from various factors (human and non-human). They will meet experts on the field of weather and climate, such as Meteorologists, Environmentalists and Foresters. They will visit a local Forest, which was burnt down the previous year, to see firsthand the reasons and the damage the fire had created. They will write an official letter to the local mayor, in order to make their proposals known, for improving the conditions and survival of the local environment.

Lessons

01/
Climate and
Weather
differences

02/
Learn about
Climate Change

03/
Working
in groups

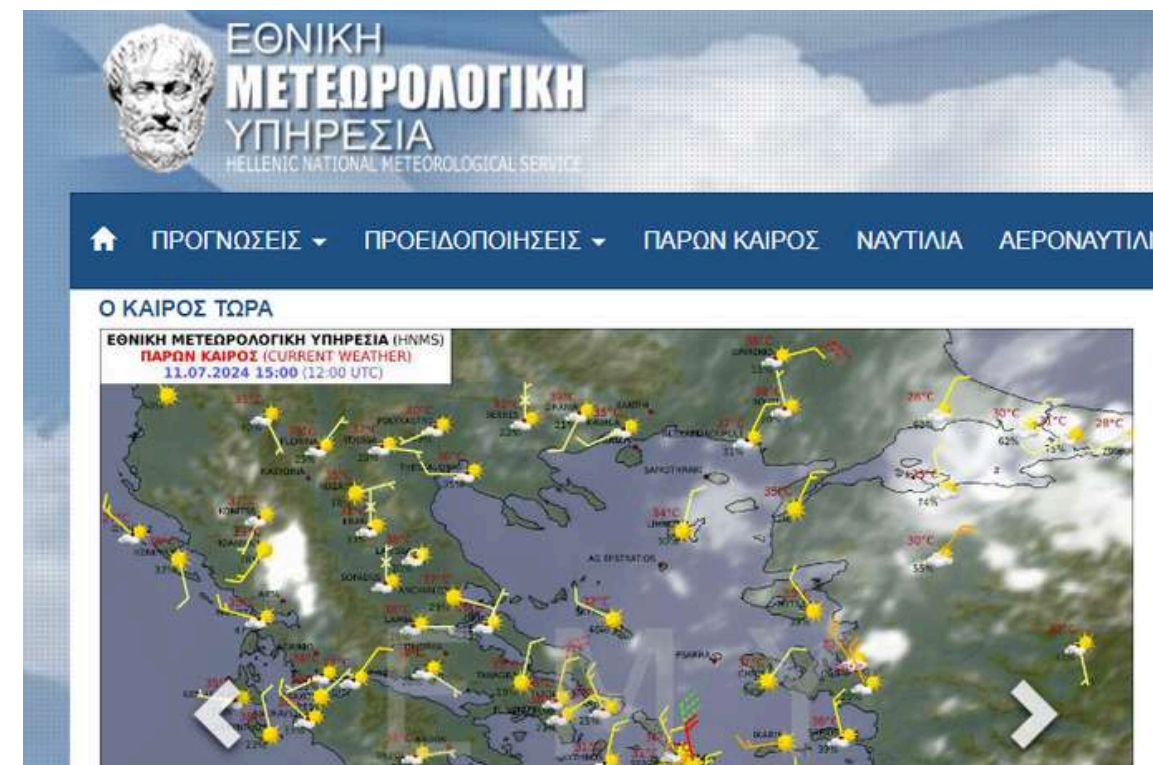
04/
playing and
Learning

05/
Visits to
Forest of
Dadia and to
the mayor

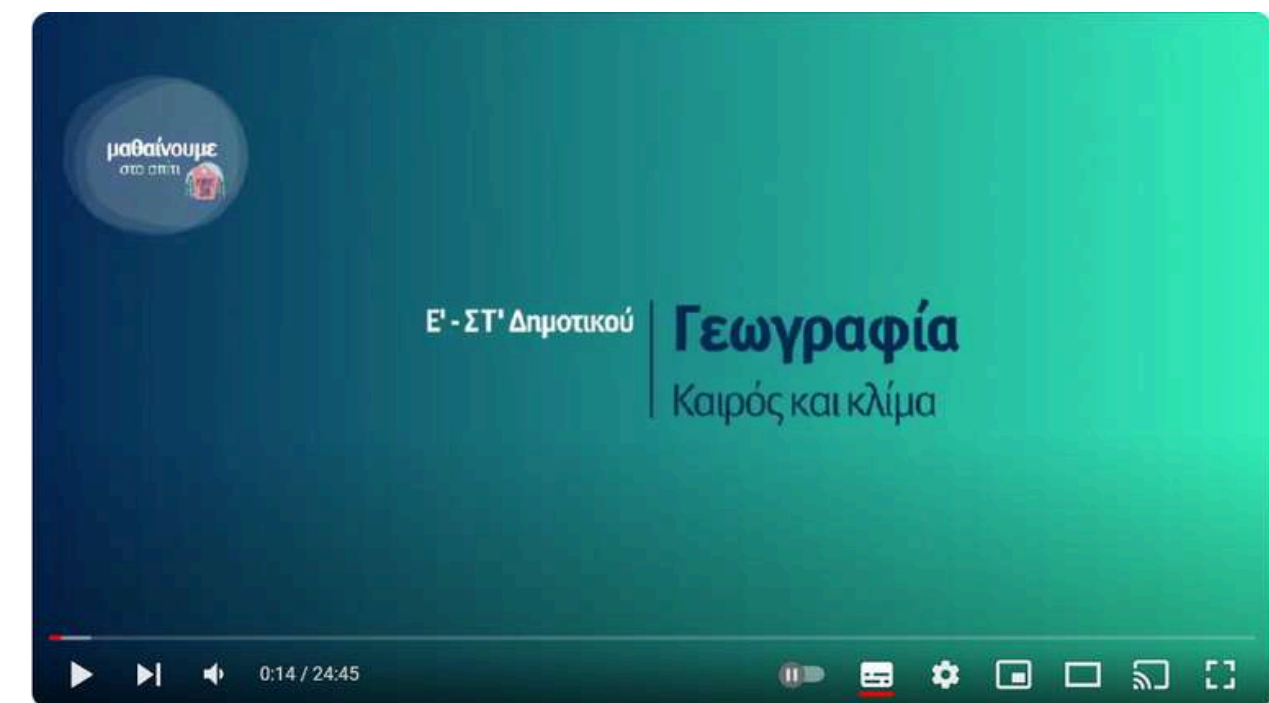


01/ Climate and Weather differences

Check their previous knowledge. Students are asked questions about what they know about our environment and climate. If they know the difference between weather and climate. If they know about the problem of global warming and its effects and if this problem has affected our area.



Meet a Meteorologist
Hellenic National Meteorological Service



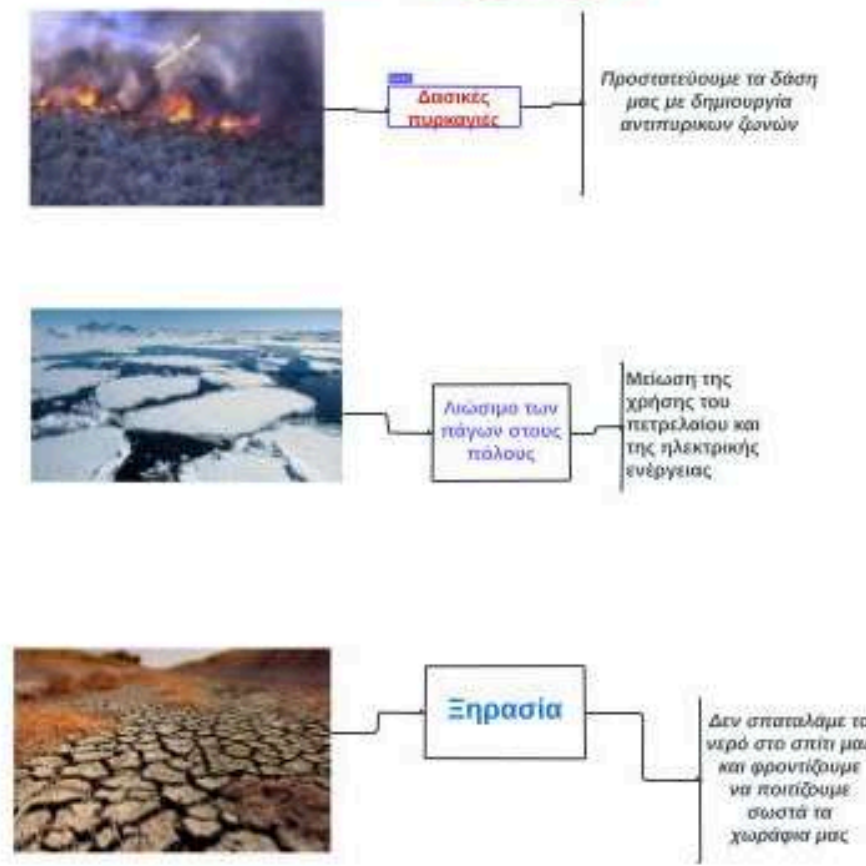
Ministry of Education on "Geography –
Weather and climate



01/ Climate and Weather differences



"Differences in weather and climate (Interactive Video)"



Creating a concept map



01/ Climate and Weather differences

Ποιες είναι οι κύριες κλιματικές αλλαγές;

Thanks! Type another answer here...

Submit

40 characters remaining

Λιωσιμο παγων πλημμυρες

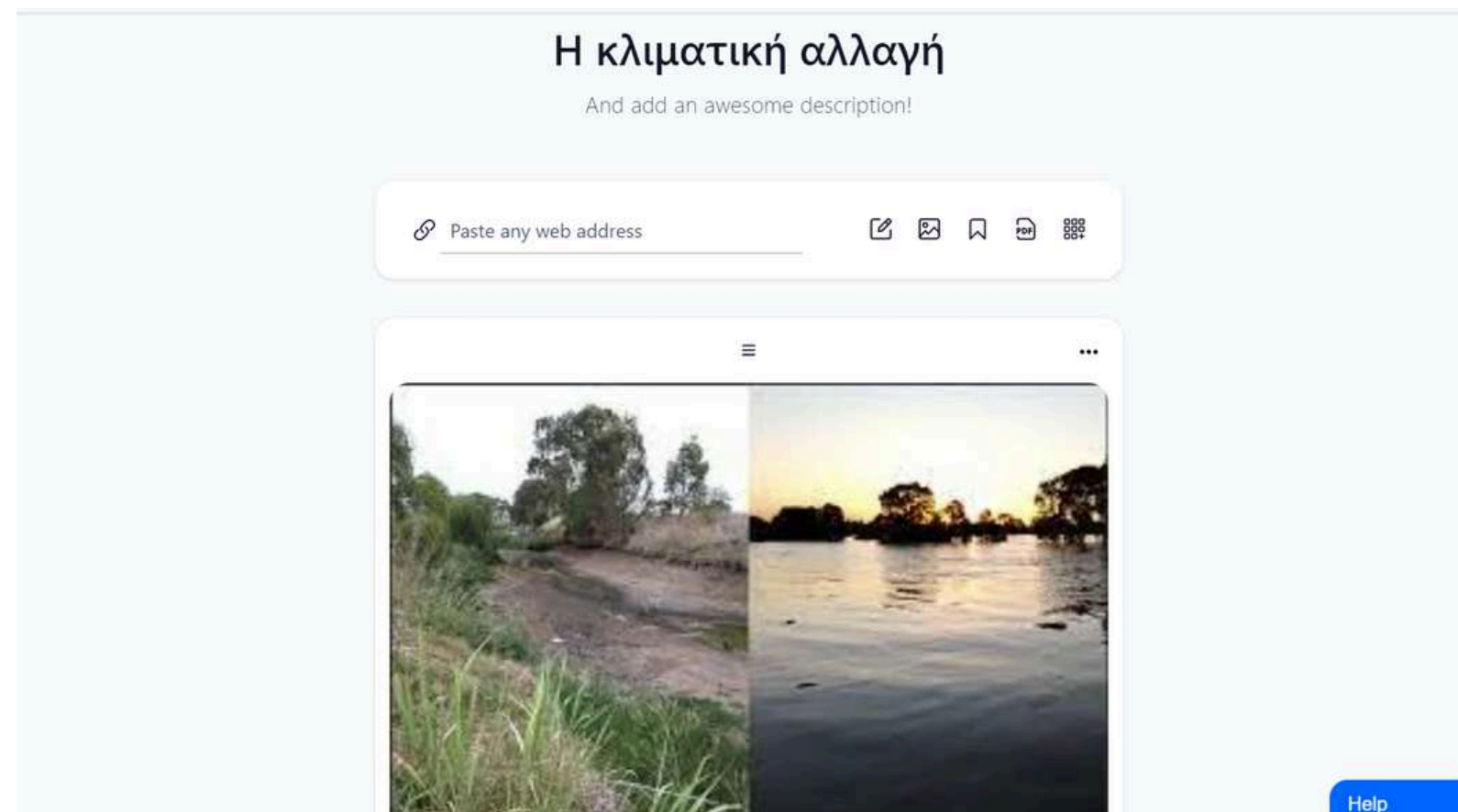
ΠΥΡΚΑΥΙΕΣ
φαινομενο
θερμοκηπιου

Which of these results do you think has an impact on our region?

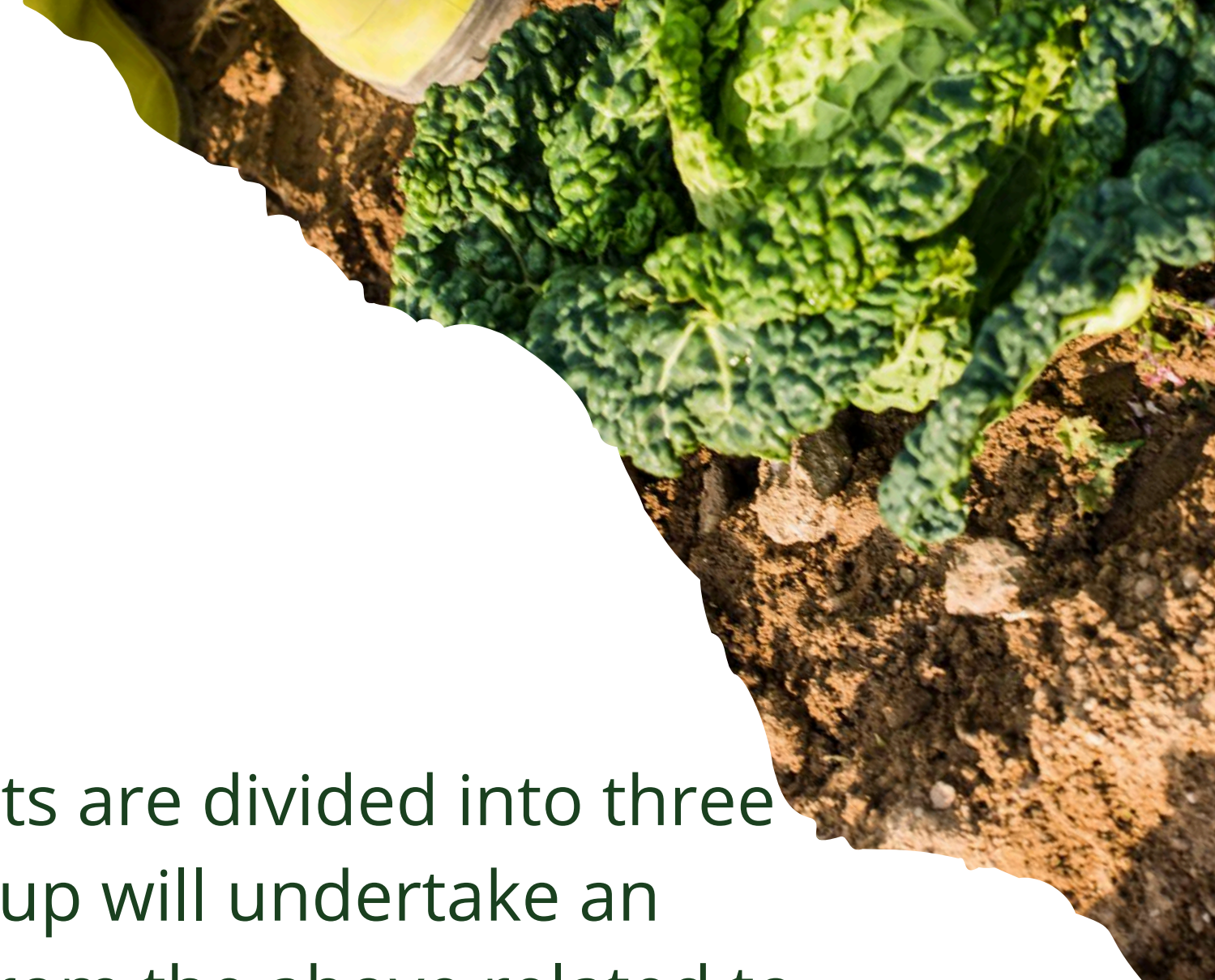


02/ Learn about Climate Change

To learn more about climate change, students should find some videos and useful materials on the Internet about: a) what is climate change, b) what are the effects of climate change, c) what can be done to solve the problem



Then, the students are divided into three groups. Each group will undertake an individual topic from the above related to Climate Change and find useful material on the internet. Each group looks for the information and videos on the internet and together with the teacher it is checked to meet all the criteria (within the topic and material suitable for children). This presentation was done with Wekelet



03/ Working in groups

students will meet online (and face to face if possible) with some Climate professionals such as those from WWF.

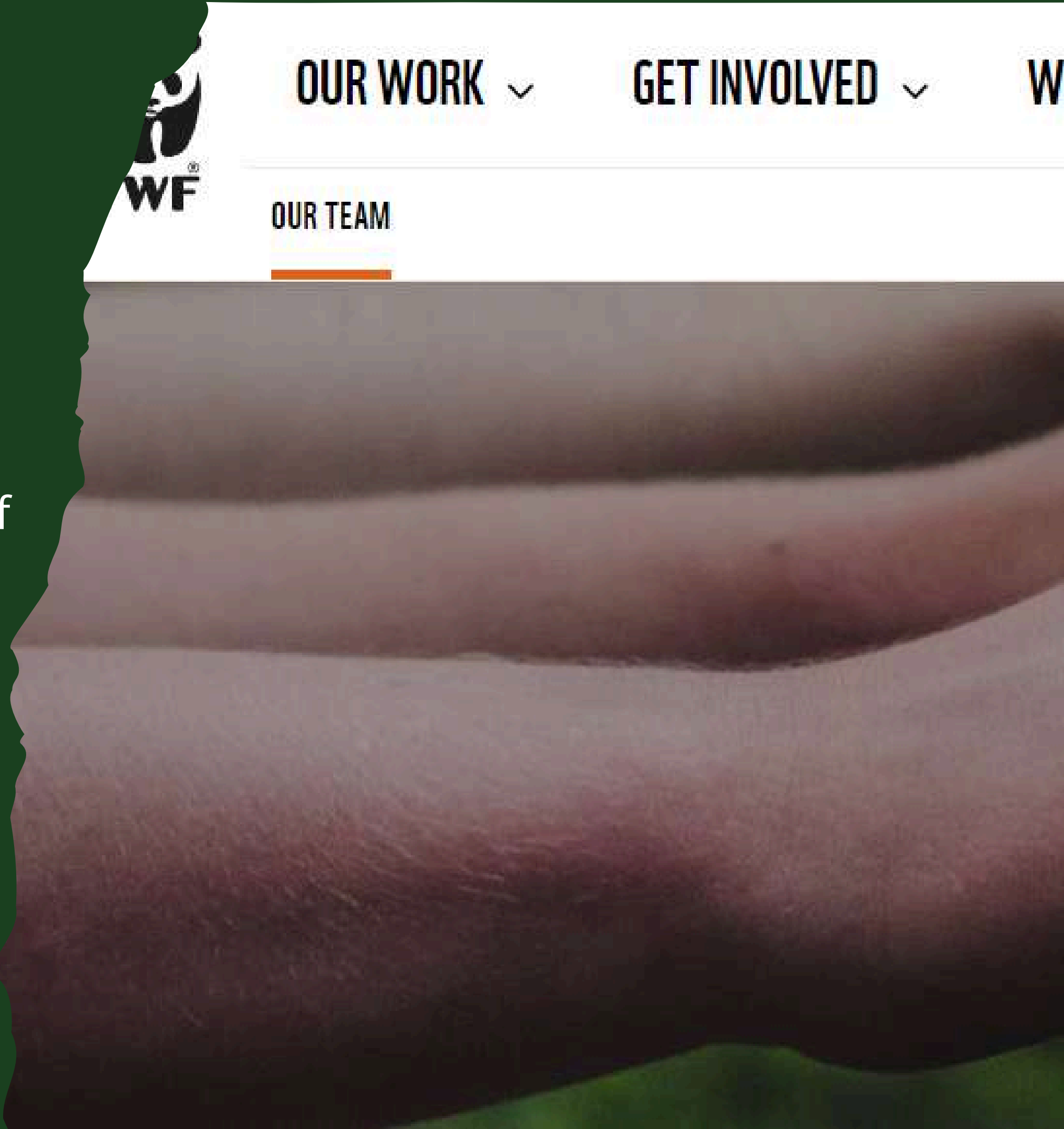


OUR WORK ▾

GET INVOLVED ▾

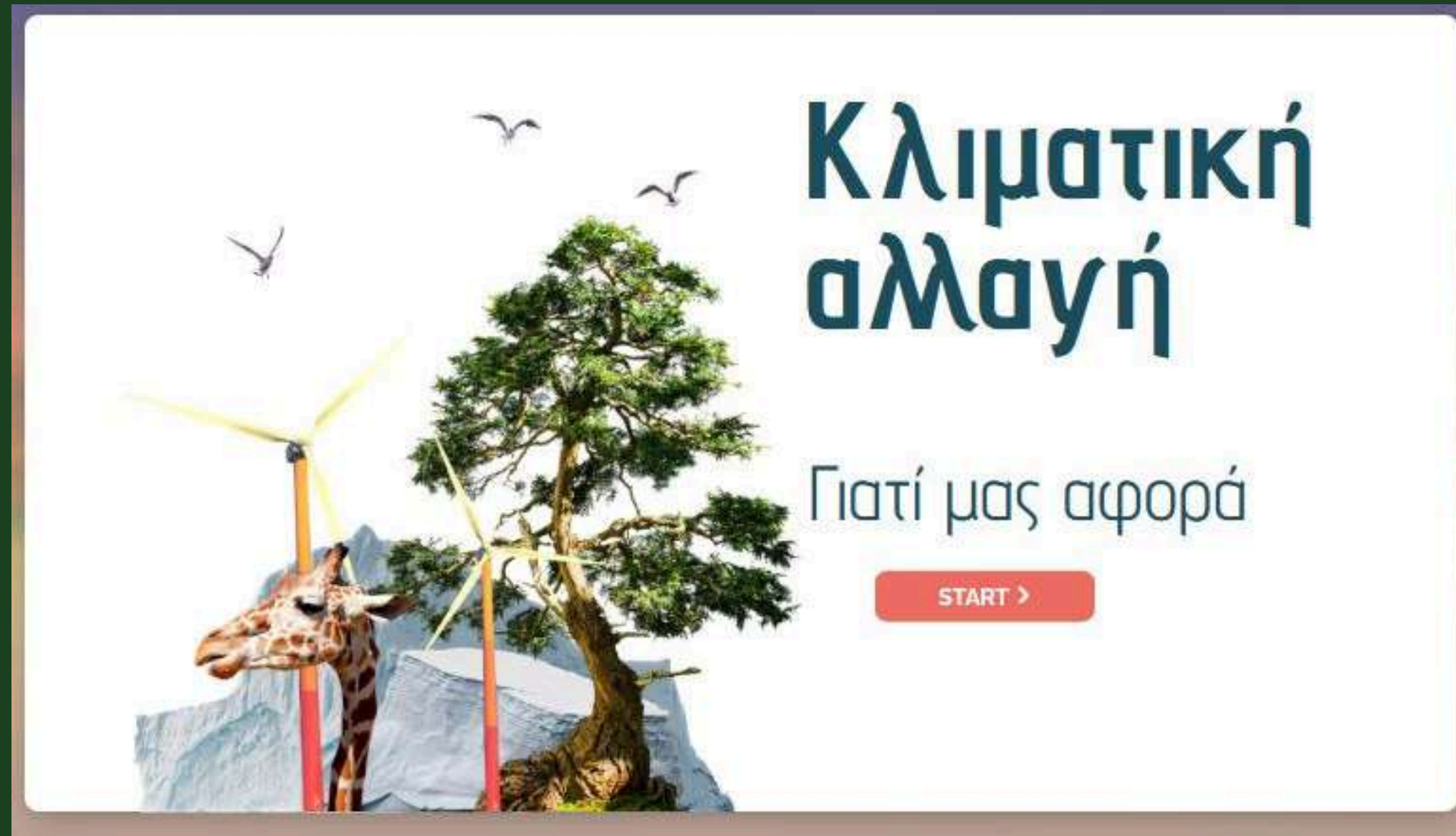
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OUR TEAM



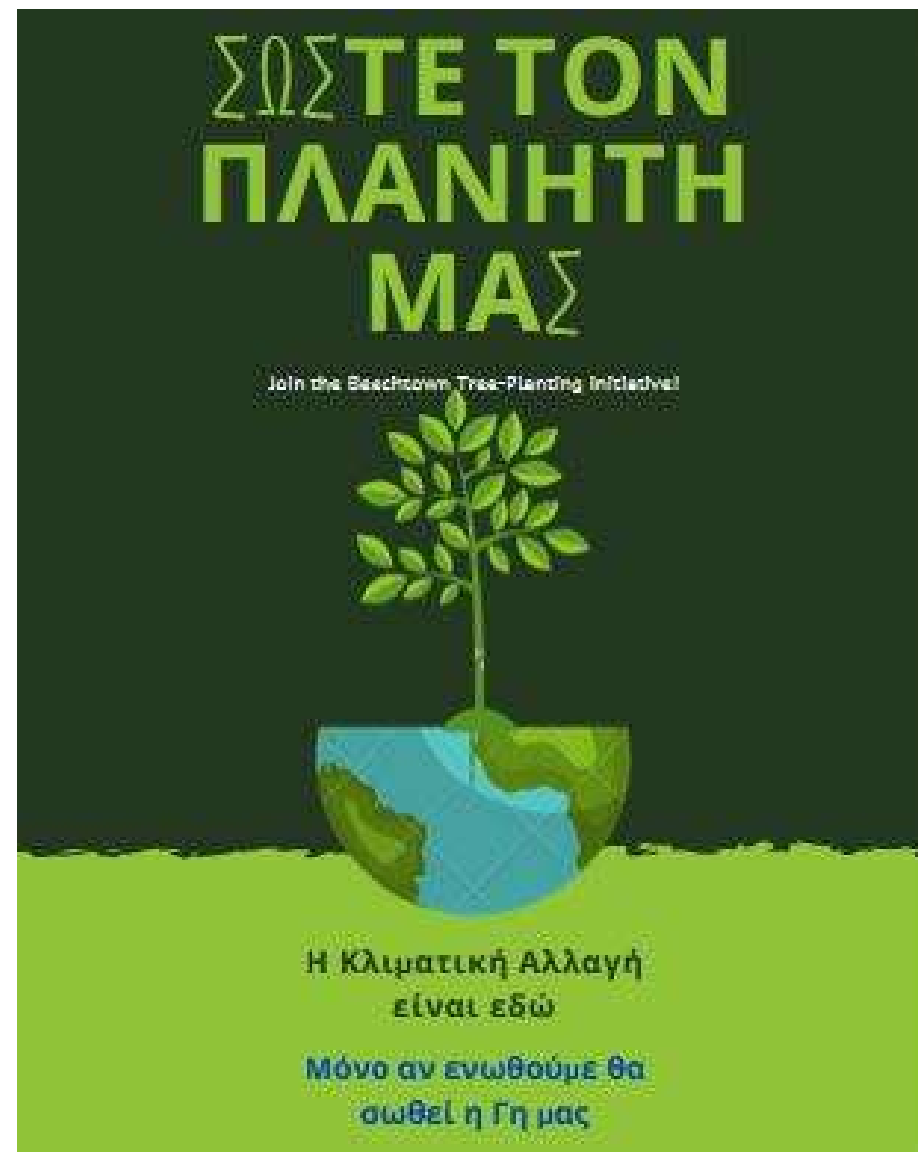
03/ Working in groups

The students will be divided into four new groups. Each group will take on a sub-topic (Greenhouse Effect, Fires, Floods, Melting Ice) in order to create their escape room



04/ playing and Learning

The teacher opens a Padlet . Each student individually makes his/her own post about what can be done to avoid or mitigate the many effects of Climate Change in our area.



Padlet

Vasiliki + 1 • 7d

Πως μπορώ να βοηθήσω;
Οι μαθητές της Ε-ΣΤ τάξης προτείνουν

- Μπουλέμ**: Όλοι μαζί να βοηθήσουμε να γίνει ο κόσμος καλύτερος
- Αρντά**: Να βοηθήσουμε να μη λιωσουν οι παγοί γρηγορά
- Αϊσενούρ**: Οι χώρες του κόσμου να βοηθήσουν πιο πολύ
- Κιουμπρά**: Να χρησιμοποιούμε ηλεκτρισμό από τον ήλιο
- Μουχαμέτ**: Να μειώσουμε τα πλαστικά
- Αμμάρ**: Θα μπορούσαμε να μην ριχνουμε φάρμακα στα χωράφια
- Μπεράτ**: Να μην αφήνουμε γυαλίνα αντικείμενα για να μην παίρνουν φωτιά ευκολα
- Ντορούκ**: Πρέπει να προσεχουμε πως χρησιμοποιουμε το νερο για να εχουμε για τα χωραφια
- Ζεϊνέπ**: Μπορούμε να εχουμε πιο λιγα εργαστασια
- Σανέρ**: Για να μην εχουμε πολλε πλυμμηρες θα πρέπει να φυτευουμε πολλα δεντρα γιατι οι ριζες τους θα τραβανε τα νερα
- Σουντέ**: Για να γινουν πιο λιγα τα καυσαερια να εχουμε πιο πολλα ηλεκτρικα αυτοκίνητα
- Ελίφ**: Θα μπορούσαμε να βαζουμε καινουρια δεντρα κάθε φορά που κοβουμε καποια

<https://padlet.com/nsaridou/padlet-ci36kv3a12ka/wish/2779569464>

a question-and-answer game around what they have seen so far about Climate Change was done by using SCRATCH

04/
playing and
Learning



05/ Visits to Forest of Dadia and to the mayor

Its role is to welcome the visitor and help him/her observe and interpret nature, while at the same time informing him/her about the National Park and its ecological, cultural and other values. At the Information Center, which operates daily, the visitor has the opportunity to visit the renovated exhibition with photographic and informative material and to watch an informative documentary about the National Park.



05/ Visits to Forest of Dadia and to the mayor

Students prepared a formal letter to local mayor with their proposals. The teacher has taken care to obtain the appropriate permits and to visit the local City Hall with his/her students. At a specified meeting of the Municipal Council, the children's letter is presented by the students themselves, in order to motivate the Municipal Councilors to take more measures to suppress but mainly to protect the local environment.



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