

Erasmus + KA210
Small scale partnerships
Eco School
Οικολογικό σχολείο



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**Educational ideas for
Eco School**



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Enriching lives, opening minds.

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Educational idea 1 Director of National Park of Teide

TITLE:

Director of National Park of Teide

DESCRIPTION

Students simulate a debate about management of National Park of Teide

One of the students has the role of Director of the Park, the others are the citizens and after the first time they change roles. After the debate they vote for or against

AIM

Students to present their own experiences from visiting Teide

Students to discuss the reality of suggestions

Students to deepen knowledge about local problems

STEPS

The teacher organises the class and assign roles.

TASK 1 The students present their ideas for the national park and the director explains if they are possible to work out

TASK 2 The students express their complains and the director tries to find a solution

TASK 3 The students vote

PHOTOS



Educational idea 2 Dilemma

TITLE:

Dilemma, for or against?

DESCRIPTION

The students work in groups and analyse a local problem, eg the construction of a big amusement park on the south of the island. Each group is for or against the new park. They search local press and other resources. They may use personal information they have. Each group prepares a presentation with arguments for or against the construction of the park. They take into account real life situation on Tenerife.

AIM

Students to judge local work market in connection with protection of environment
Students to think about sustainable tourism

STEPS

The teacher sets the groups and presents the local environmental problem. The groups decide to be for or against. They present their arguments. They prepare a letter to local authorities where they support their arguments

PHOTOS



An example of overtourism in Tenerife

Educational idea 3 Open society day at school

TITLE:

Open Society Day for NGOs and social organisations

DESCRIPTION

Local NGOs and other social organisations come at school and have their spot in the events room. The students are free to move around and discuss with representatives. The idea is that once in the future they need support for a problem, they know there is an organisation to head for. The idea is not actually related to natural environment but it is related to human environment, which we consider important for the well being of students. At the same time, there are a lot of Environmental Organisations that support protection of the environment

AIM

Students to know more about local organisations and help available
 Students to open up to society
 Students to volunteer themselves

STEPS

The school sets a date for the Open Society Day Event and invites local services, NGOs and social organisations. The participants do not give presentations, instead they have a spot and they are available if students want to know more. They offer leaflets, present their work, apps for smartphones etc

PHOTOS





Posters by Open Society Day

Educational idea 4 Present the fires in Tenerife

TITLE:

Articles in English for the fires in Tenerife

DESCRIPTION

Students research articles from English language newspapers and websites and prepare short presentations about the fires

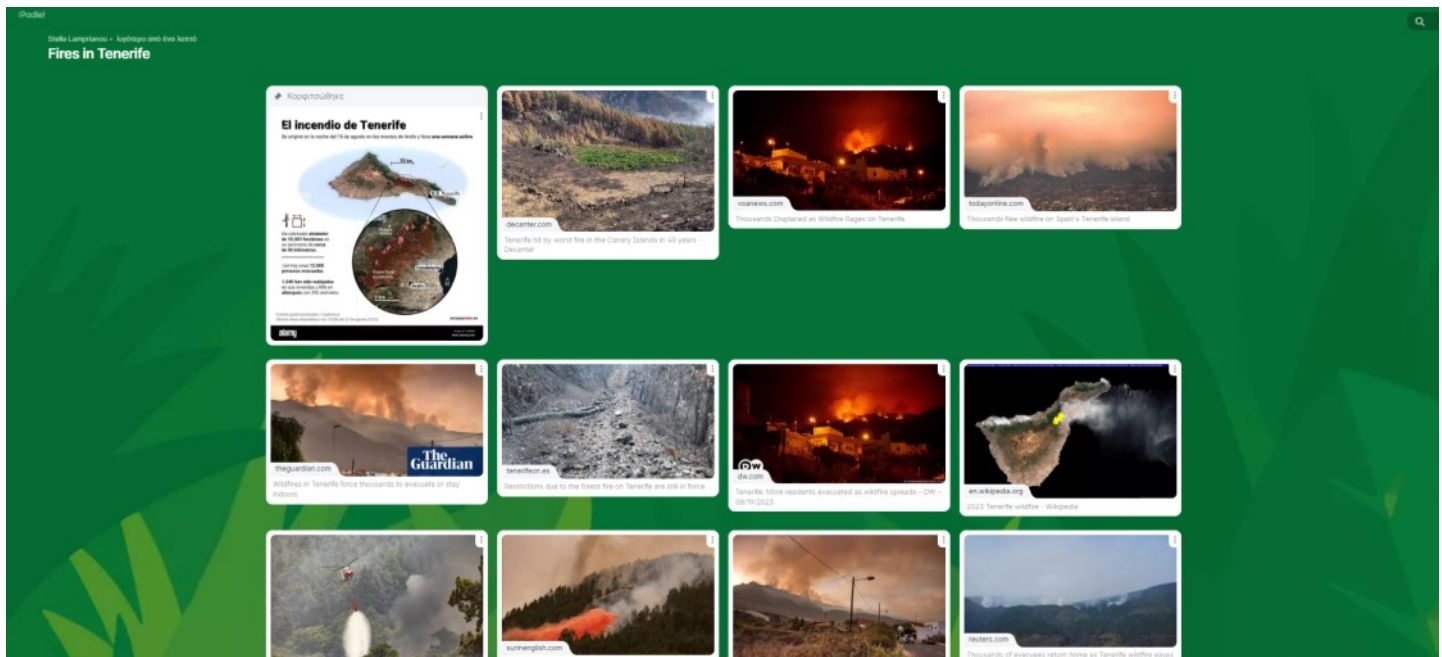
AIM

Students compare how the situation was presented in national and international press
 Students suggest ways to protect the nature of the island
 Students suggest ideas for sustainable tourism

STEPS

Resources by students presented in a Padlet

<https://padlet.com/stellala/tenerifefires>



Educational idea 5 Artificial Intelligence for Environment

TITLE:

Artificial Intelligence

DESCRIPTION

Students use AI apps such as Adobe Firefly or Gencraft or other free apps to create artificial intelligence images for environment

Students discuss whether artificial intelligence can enhance their knowledge and protect the environment

AIM

Students use digital tools

Students see potential of Artificial Intelligence

Students create environmental images and examine their reliability

STEPS

The teacher presents free AI Apps that can create images for the environment

Ideas for the students

- Create an ideal environment in the city
- Create a natural environment you would be happy to live
- Create an eco school

PHOTOS



DALL-E



Educational idea 6 Overtourism in Tenerife

TITLE:

Overtourism in Tenerife

DESCRIPTION

Students present the situation in Tenerife because of overtourism

AIM

Students learn the idea of overtourism
Students study overtourism in their own area
Students judge whether articles express the reality and are fair
Students present their own opinion in overtourism

STEPS

The teacher explains the idea of overtourism
Teacher gives examples from the island of Tenerife
Teacher relates any previous knowledge by students
Students present overtourism as it relates to their life and their future profession

PHOTOS

Resources presented and discussed by students (both local and international to spot differences in opinion)

<https://www.canarygreen.org/over-tourism-now-is-the-time-for-action/>

<https://www.bbc.com/news/world-europe-68865755>

<https://adventure.com/canary-islands-overtourism-local-protests/>

<https://www.euronews.com/travel/2024/04/16/my-misery-your-paradise-canary-island-residents-say-mass-tourism-is-at-breaking-point>

<https://www.thetimes.com/travel/destinations/europe-travel/spain/overtourism-in-the-canaries-is-our-fault-we-have-no-imagination-czcz0t38g>

<https://www.aljazeera.com/news/2024/4/20/thousands-protest-against-over-tourism-in-spains-canary-islands>

<https://www.dw.com/en/spain-canary-islands-mass-protests-target-overtourism/a-68922697>

<https://www.realinstitutoelcano.org/en/commentaries/overtourism-is-spains-sector-a-victim-of-its-own-success/>

<https://inews.co.uk/news/world/british-expat-overtourism-threatens-tenerife-3007732>

<https://www.theguardian.com/world/2024/apr/20/thousands-protest-canary-islands-unsustainable-tourism>

<https://money-tourism.gr/en/overtourism-quot-say-less-do-more-quot-the-message-of-spanish-protesters/>

<https://www.express.co.uk/news/world/1887903/tenerife-overtourism-issues-protest>

<https://timesofmalta.com/article/go-home-overtourism-sparks-backlash-spain.1091264>

Educational idea 7 Sustainable Development Goals

TITLE:

Sustainable Development Goals

DESCRIPTION

Students study Sustainable Development Goals and present those which consider important for environment

AIM

- Students study SDGs
- Students think about the importance of SDGs
- Students suggest actions that relate to SDGs

STEPS

- The teacher presents Sustainable Development Goals
 - Students express their opinion in texts or images in a Padlet
- <https://padlet.com/stellala/sdg>

PHOTOS



Educational idea 8 Myths of Nature

TITLE:

Myths and traditions of Nature

DESCRIPTION

Students search and present myths and traditions related to nature in the area of Guimar or on the island of Tenerife in general

AIM

Students relate oral tradition, history and nature
 Students learn more about the nature of the Canarians
 Students reflect on old traditions

STEPS

The teacher guides the students to resources, digital, old books, oral traditions that relate to the nature of the Canarias.
 Students make a research and present to the plenary.
 Students try to understand the natural phenomena behind the myths

PHOTOS

Guayota, the demon that lives in the Teide

The natives of Tenerife believed that Guayota was the evil entity living in the bowels of the Teide. According to the beliefs of the time, he was the one which was awakening the volcano, spreading fire, lava and ash over the island as it suited him. Its name means “Destroyer”, by the destructive qualities to be associated to the volcanic phenomena, which this entity supposedly was responsible for.

Guayota lived inside the Teide, at a place that connected with the underworld. According to this legend it was Achamán, the supreme god of the Guanches, who after a fierce battle managed to lock Guayota inside the volcano and close it off, achieving peace and tranquility on the island of Tenerife. Assiduously, the Canary aborigines came to the crater to make offerings to this mythological creature. With those they supposedly would appease his fury, preventing to wake him up and that he leaves his dwelling within the Teide.

Barranco de Badajoz

Among the currently most vivid Tenerife legends are the mysterious events of people who have come to Barranco de Badajoz, located in Güimar in the southeast of Tenerife.

Among the supposed inexplicable phenomena that some people claim to have witnessed are: especially if you are there at night, it is a fact that at certain points of the ravine time seems to stop, since the clocks stop working. In fact, one of the most famous stories often told about the Barranco de Badajoz, is “the girl of the pears”. A girl that in the late nineteenth century went to the ravine on request of their parents for fruit and disappeared. After that, the whole canyon was screened to try to find her, but without success. However the girl showed again decades later ... but with the same appearance with which it disappeared. For the girl it had only been a few hours, even though in real space-time 20 years have passed.

The mysterious island of San Borondón

The island of San Borondón is a mysterious island of which exist numerous historiographical documents. Most notably one of the Irish monk Saint Brendan of Clonfert on an expedition between 480 and 576 A.D. After this trip undertaken by the monk that was recorded among the Vatican codices, many were those who tried to reach that island. The existence of this island even appeared in official maps and charts of the time.

According to stories and testimonials over the time, the island of San Borondón is located in two different areas, sometimes south of Tenerife, and sometimes between the islands of El Hierro and La Palma.

Currently there are still people alive who claim to have seen the mysterious island.

The Legend of Atlantis

There is an intriguing connection to Greek mythology that suggests that the Canary Islands could be the mythical lost continent of Atlantis.

According to legend, Atlantis was a large landmass ruled by Poseidon, God of the Sea. For many generations, wise people famed for being fair and generous inhabited it. They gladly passed on their skills and knowledge, their laws of justice and peace to others and they were the most advanced people in the world.

However, over time they changed, they became greedy, warlike and the story suggests they discovered the secret of the cosmic forces that the gods controlled. It was because of this Zeus, King of the Gods, decided to punish them by destroying their utopian civilization.

In the course of a single night volcanoes, fire, earthquakes and huge tidal waves caused Atlantis to sink into the sea and disappear almost without trace.

The Greek philosopher Plato believed that all that was left of the lost continent was the tops of the seven highest mountains peeking above the ocean. These still exist today and are known as the Canary Islands.

The Black Madonna of Candelaria'



We go back about 700 years in time. Although the Canary Islands have already been 'discovered' by passing ships, they have not yet been conquered (read: converted). The primitive inhabitants of Tenerife, the Guanches, live as shepherds in organized tribes. Each tribe has its own Guanche king called *Mencey*.

One day, the legend goes, two Guanche shepherds find a wooden statue in the surf of Socorro beach in Guimar. The statue is about one meter high, and represents a woman carrying a candle or torch in her left hand and a small boy in the right arm.

It is assumed that the (Mary) statue fell from a passing ship and subsequently washed ashore. Others claim that the statue was left on the beach by Fransiscaner intentionally, with the goal of gently introducing the local population to Christianity.

In any case, the shepherds take the statuette, and it takes place of honor in the local Mencey's hut, where it has been revered for years as the Goddess of the Sun, Chaxiraxi.

Chaxiraxi becomes the Virgin of Candelaria

The surprise must have been great when the Spanish conquerors, during the conquest in 1496, discovered the statue. Due to the smoke from the torches, the statue was black with soot, but it was unmistakably a statue of Mary.

In 1559, Pope Clement VIII proclaimed the Virgin as the patron saint of the Canary Islands. Unfortunately, the original statue was lost in 1826: during a severe storm, it was dragged back into the sea by a mudslide.

A year later, a copy of the statue, including a layer of soot, is made by the local sculptor Fernando Estévez.

Tenerife's Own Olympus

In much the same way as Mount Olympus held reverence among the ancient Greeks, the Guanches afforded mythological status to Mount Teide. Believing that the volcano was responsible for holding up the sky, the ancient Guanches were to treat the volcano as akin to a deity itself. In fact, such was the importance of Mount Teide to the Guanches, remnants of ancient items found within hiding places on the mount signify the ritual deposits to ward off evil spirits.

It is, however, the story of Guayota and Magec that has become such an integral part of folklore, and one that ensures fascination surrounds Teide to this day. According to legend, Guayota (the devil) imprisoned Magec (the god of light and the sun) within bowels of the volcano, plunging the world deep into darkness. Only by appealing to the supreme god, Archaman, could the Guanches hope for the return of Magec and light to the world.

Archaman, in a battle with Guayota, was able to cast the devil into the volcano and seal the crater to keep him trapped, freeing Magec in turn. With light returning to the land and the evil trapped within, the Guanches were able to contain the devil inside, lighting bonfires during the time of eruptions to scare Guayota and keep him encased within the volcano.

Educational idea 9 Artificial Intelligence Chat for Environment

TITLE:

Artificial Intelligence Chat for Environment

DESCRIPTION

Students use AI apps such as Chat GTP, Bard or other free apps to discuss prompts for and against environmental protection

AIM

Students learn modern AI technology

Students compare their own experiences and ideas with texts produced by AI

Students experiment with new digital tools

STEPS

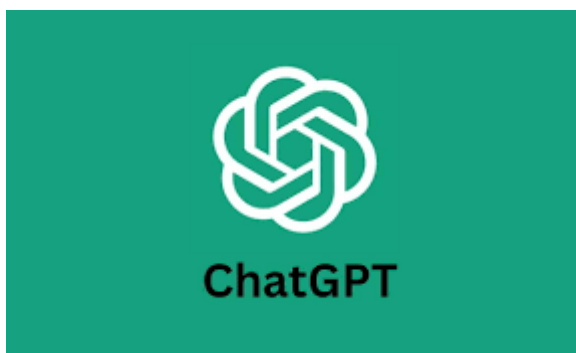
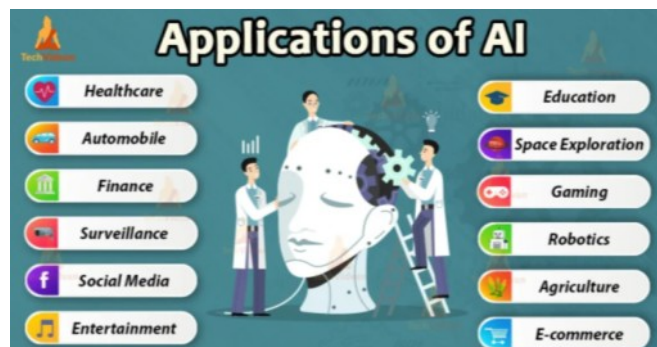
The teacher explains the use of AI apps and suggests prompts for students

Examples

Discuss the benefits of building a new hotel

Discuss how the building of the hotel can show protection of the environment

PHOTOS



Educational idea 10 Environmental NGO Ηλιοτρόπιο

TITLE:

Environmental group at school

DESCRIPTION

Bonding of environmental group of school through activities by an NGO. The students work in learning by doing methods by specialists of the NGO. The NGO Ηλιοτρόπιο has been active in helping people recover after the destructive fires of summer 2023 in Rodos

AIM

- To learn more by specialists and to have students' questions answered
- To realize the healing power of nature
- To bond as a group
- To deepen knowledge that teachers may not have

STEPS

The school group worked with psychologist with specialization on healing by nature and environmentalist.

PHOTOS



Educational idea 11 Synergy with other schools in Rodos

TITLE:

Working with other schools in Rodos

DESCRIPTION

The environmental group of Gymnasio Lykeio Gennadiou offered to disseminate their experiences from Erasmus project Eco school. They sent a request to all Secondary Schools in Rhodes to work together and to learn together

AIM

To work locally with other students and schools

To expand from the area of the villages and to feel equal with city students

To disseminate Erasmus project Eco school and its activities that are easy to re-make

To multiply best ideas

STEPS

An email to all schools in the area (Rodos island)

Cooperation among teachers and schools directors

Arrangement of a visit to Directorate that Coordinates the project

Visit at two schools in the city

Presentations by students

Learning with peers

PHOTOS



Visit at Directorate of Secondary Education



Working with students from other schools in the city

Educational idea 12 Memories from forest fires in Rodos in summer 2023

TITLE:

Fires around Gennadi

DESCRIPTION

Students write their memories, experiences and emotions about the big fires in Rodos Greece in summer 2023

AIM

- To write down personal experiences that reflect the feelings of residents in the area
- To present the catastrophic consequences of the fires in the area
- To present emotions and fears of the residents
- To write down experiences from a major event, the fires, in personal and professional life

STEPS

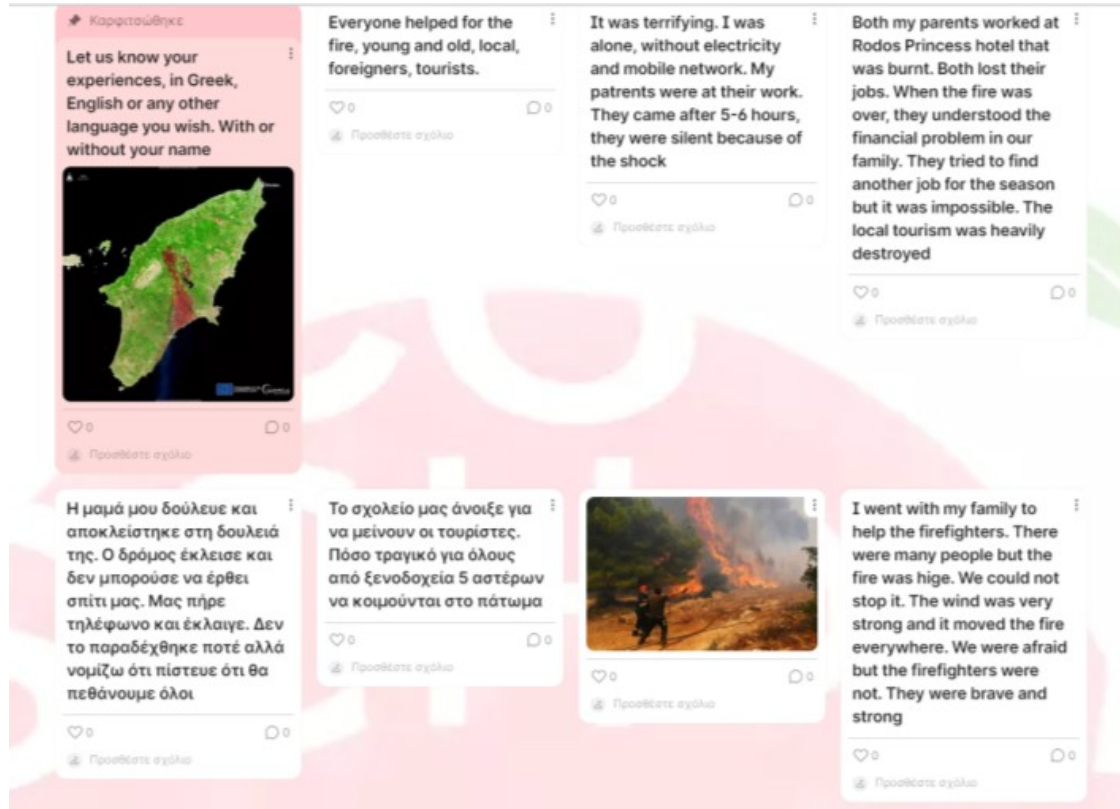
Students are given the link of a Padlet and are asked to write down their experiences, in Greek, English or any other language. They can add photos and videos from their personal archive.

<https://padlet.com/stellala/fires>

Students discuss and exchange ideas

Students suggest ways that the situation during the fires could have been prevented

PHOTOS



Educational idea 13 Present the fires in Rodos

TITLE:

Articles in English for the fires in Rodos

DESCRIPTION

Students research articles from English language newspapers and websites and prepare short presentations about the fires

AIM

Students compare how the situation was presented in national and international press

Students suggest ways to protect the nature of the island

Students suggest ideas for sustainable tourism

STEPS

Resources by students

July 19

<https://www.ekathimerini.com/news/1215788/villages-evacuated-on-rhodes-as-wildfire-bears-its-teeth/>

July 20

<https://www.ekathimerini.com/news/1215874/state-of-emergency-declared-in-three-areas-in-rhodes-as-wildfire-rages/>

July 22

<https://www.ekathimerini.com/news/1216078/a-wildfire-is-raging-out-of-control-on-the-greek-island-of-rhodes-forcing-tourist-evacuations/>

<https://www.ekathimerini.com/news/1216075/tourists-evacuated-in-rhodes-as-huge-fire-front-expands/>

July 23

<https://www.ekathimerini.com/news/1216127/situation-on-rhodes-is-very-difficult-says-hfs-spokesperson/>

<https://www.ekathimerini.com/news/1216156/tourists-flee-wildfire-on-rhodes-flights-cancelled/>

<https://edition.cnn.com/2023/07/22/europe/greece-record-breaking-heat-wave-climate-intl/index.html>

<https://www.bbc.com/news/world-europe-66279520>

July 24

<https://www.ekathimerini.com/news/1216201/high-winds-curtail-efforts-to-put-out-three-active-fire-fronts-and-rekindlings-in-rhodes/>

<https://www.ekathimerini.com/news/1216227/rhodes-blaze-cannot-be-contained/>

July 25

<https://www.ekathimerini.com/news/1216275/wildfires-in-greece-burn-for-days-more-tourists-expected-to-fly-out/>

July 27

<https://www.bbc.com/news/world-europe-66295972>

July 28

<https://www.ekathimerini.com/society/1216451/chasing-a-fire-that-wont-give-up/>



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Sky news, interviews with tourists

<https://www.youtube.com/watch?v=X2SQCgz3YDo>

Copernicus image

https://www.esa.int/ESA_Multimedia/Images/2023/07/Rhodes_wildfire_forces_thousands_to_flee

Help by volunteers

<https://knews.kathimerini.com.cy/en/news/greek-heroes-aid-fleeing-tourists-in-rhodes-wildfires>

<https://www.ekathimerini.com/opinion/1217376/rhodes-unsung-heroes-are-its-future/>

After the fires

<https://www.theguardian.com/world/2023/sep/01/rhodes-after-the-fires-photo-essay-precious-things-lost>

<https://www.youtube.com/watch?v=5yIZ290RHM4>

<https://greekreporter.com/2023/08/01/fires-rhodes-greece-burned-13500-hectares-forest/>

Educational idea 14 Ecological footprint

TITLE:

My Environmental Footprint

DESCRIPTION

Measure the environmental footprint of each student.

AIM

To develop awareness, good practices and to be able to estimate the amount of our impact

STEPS

Use environmental footprint calculator.

https://greekecologicalfootprint.web.auth.gr/wp-content/uploads/2020/11/index_prod_el.html

Compare with your Greek and Spanish new friends

PHOTOS

