

CONNECT

Inclusive open schooling
with engaging and
future-oriented science

GOOD PRACTICES

Description for the site:

Title: Wildlife in Greece-Dangers, Threats, Protection: The Fauna and Flora of Messara (Restructuring, regeneration and improvement intervention in the local community road network: A research field study)

Description for the site:

This good practice presents an open school education initiative for connect entitled Wildlife in Greece-Dangers, Threats, Protection, developed by Petrokefali Municipal School from (02/11/2022 to 30/05/2022). A scientist, Ms. Iasmi Stathis, participated in the activities. It was supported by Mrs. Irini Bayati. This practice was presented on the connect platform: <https://connect-eu.exus.co.uk/el/members/dretman/document/folders/159/>

I care: Students were concerned about the decline in the population of some animals in our area, which they learn live in our area but don't see often. The students who participated in the activities were the 18th grade students (10 years old) of Petrokefali Primary School.

Learning: Students used knowledge of the area's land and sea flora and fauna. The skills that the students practiced were creative and critical thinking, collaboration, constructions and analysis and production of informative content.

Do: In the end, the students prepared posters and prepared a local community awareness campaign. They completed the activities as a group and supported by their families, local cultural associations, the municipality and the school's Parents and Guardians association. Conclusions about Open Schooling: The activity was integrated into the curriculum. It was an innovative program linked to the skills workshops implemented for the first time in the 2021-2022 school year. Open schooling can be useful for other teachers because it provokes interest and involvement directly and indirectly. The change/innovation was supported by: The school management, the teachers' association, the parents' and guardians' association, the Cultural Association of Kalamaki, the Municipality of Phaistos. Student results: The students were enthusiastic throughout the implementation of the program. They were willing to undertake actions outside the school framework by involving the family and the local community. As an example, the students suggested that we visit other areas and intervene to protect them as well as return to them to monitor their condition.

The change/innovation was supported by: School management school association/network Local government Other: _____

Student results: Students were active and active during the research process. They were consistent in the work they each undertook in their group and seemed to assimilate relatively easily the scientific knowledge they needed to use. Their familiarity with NTs was very helpful in all dealing with digital hardware and software. They learned how a scientific study is structured and how it is conducted. They seemed to enjoy the role of researcher to the point of engaging in the tasks of the other groups as well. As an example, one





student mentioned "Did you see, ma'am, that I can work in other groups and not just the one I'm in?" Their activation productively cultivated the speech skills of both production and comprehension of oral and written texts.

This practice contributed to the increase of:

[x] engaging families with sciences [x] involving girls in science [x] raising awareness among students about careers in the natural sciences

Plasespecify:

Select the most relevant photo related to your initiative (which will be public and published under an open license) to represent the practice.



ABOUT THE CONNECT PARTNER that supported the school

ORGANISATION	Regional Directorate of Primary and Secondary Education of Crete (RDE)
COUNTRY	Greece
Όνομα συνεργάτη	Georgios Panselinas
Implementation period	Starting date: 10/01/2022 Ending date: 30/05/2022

ABOUT THE TEACHERS PARTICIPATED

SCHOOLS	Primary School of Petrokefali
TEACHERS names (for Good Practices' Certificates)	Dretakis Emmanouil Meletaki Sofia
Gender	
SUBJECT (Natural Sciences, Physics, Chemistry, Biology...)	Environmental studies
How many subjects were used in open schooling?	2/per week
Title of open school education resource used	Wildlife in Greece, Dangers - threats - protection
Type of learning scenario of science activities (structured or open scenario)	Structured Scenario





Curriculum modules	<ul style="list-style-type: none"> Environmental Study, Skills Workshops
ABOUT THE STUDENTS PARTICIPATED	
Class	Fourth grade
Age (average)	10 years old
Number of students participated that concluded the educational scenario	18
Number of students who completed the educational scenario of scientific activities	18
SCIENTISTS PARTICIPATED:	
Name	Iasmi Stathi
Field	

QUESTIONNAIRE

01. How have you (teachers) used open educational resources? Could you describe what you did in your lessons?

Student activities with scientists:

Visit the Natural History Museum and talk to the scientists there about endangered animals.

Student activities with their families:

Search for information on areas where endangered animals live. Explore areas where endangered animals live. Protection actions and interventions in areas where endangered animals live.

02. How have your students used the CONNECT resources? Do you have (or could describe) samples of better scientific actions (for our site/rewards)?

Any examples of what the students prepared?

They watched informative videos, read scientific texts, learned, wondered and decided to take action.

Slide? Poster? Video?

(Add an image if possible)

Poster





03. How well did the science action learning scenario resources meet your needs?

Example related to the school curriculum:

It provided us with material that could be integrated into the Language and Environmental Studies courses.

Students involvement:

The students were actively involved in the implementation of the program..

Student interest and confidence in science:

The students were very enthusiastic throughout the program

04. How easy or difficult it was to use the science action learning scenario resources?

Issues related to materials, procedures, pressure from the interaction with the curriculum:

The program was integrated into the Skills Workshops so there was no time pressure. The only difficulty we faced was the distance of our school and the cost of traveling to visit the areas we wanted.

05. What were the benefits of implementing the science action learning scenario for your students?

Describe the results of the students in their scientific actions related to:

KNOWLEDGE	Environmental, biology, ecology
SKILLS	Collaboration, critical thinking, analysis and production of informative content, creativity, communication, responsibility
ATTITUDES	Awareness, empathy, sensitivity, solidarity

06. What have been the challenges of using educational science activity scenarios for your students?

Main challenges faced by students (Please select all that apply):

- Difficult...
- Long duration...
- Boring...
- Other (Please specify): ...





07. What activities worked well with the curriculum?

What helped the children achieve the learning objectives:

Case study, constructions, role play

08. What activities did not work well with the curriculum;

Anything that could be done differently or avoided:

-

09. The school Principal's opinion about CONNECT:

Our school will be pleased to participate for the second year in the European CONNECT program since the experience of the previous year mobilized our students, opened channels of communication with the local community and the agencies of the region, raising awareness of all social factors in the protection of the environment and in the cultivation similar culture.

10. Parents' opinion about CONNECT:

Our child was delighted with the activities of the program. He took initiatives and tried to communicate everything he learned to our social environment. Parents of a 4th grade student, Petrokephalio Primary School

Submission:

1. Please save the file in the following format: **YEAR MONTH DATE COUNTRY SCHOOL** (e.g. 20220326GR1stPrimarySchoolHeraklion. docx)
2. Please send this form to CONNECT Panel: <https://tinyurl.com/Connectbestpractices2022>

