



## EXPLORING MARINE FOOD WEBS IN MEDITERRANEAN

| Geography | Biology | Chemistry | Physics | | Mother Language | Computer Science



Erasmus+

BIODIVERSITY

## PEDAGOGIC CONTENT:

- Ecosystem
- Biodiversity
- Food webs, food chain
- Posidonia sea grass meadows
- Gorgonian gardens
- Endemic species
- Environmental sustainability
- Natural heritage

## PRE-REQUISITES:

- Computer skills

## NEW COMPETENCIES TARGETED/LEARNING OUTCOMES:

### STUDENTS WILL BE ABLE TO:






- Investigate marine food webs and trophic levels
- Perform a research on a marine organism, and fit their organisms together in a class-created food web showing a balanced marine ecosystem.
- Investigate the importance of posidonia sea grass
- Learn the definition of endemic species



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## DESCRIPTION:

### IMPLEMENTATION

-  **#1:** (In the classroom)  
Students working in groups will create their own marine food web for two representative Mediterranean marine ecosystems. The *Posidonia oceanica* sea grass meadows and Gorgonian gardens, or deep-sea sponge fields
-  **#2:** Each group will be responsible for gathering information and photos or videos about the two different habitats and the organisms that live in them
-  **#3:** Students, in pairs, use the school computer lab and/or provided Internet resources to research their organism and complete their essay
-  **#4:** Students create posters or ppt presentations by using various multimedia to present their results
-  **#5:** All the posters /ppt are displayed for the whole school community

Type of activity ⓘ information research, publication, exhibition, project  
Target audience ⓘ From 13 years old  
Place ⓘ Classroom, ICT laboratory  
Material needed ⓘ Pc, mobiles, tablets, photos, access to internet , posters, printer

Duration of activity ⓘ Implementation : 1-3 hours

Authorship ⓘ HCMR (Education Unit)  
No authorization required

Links ⓘ <http://www.fao.org/3/a-i7256e.pdf>

[https://oceana.org/sites/default/files/ports/Corals\\_Mediterranean\\_eng.pdf](https://oceana.org/sites/default/files/ports/Corals_Mediterranean_eng.pdf)

<https://medwet.org/2017/10/mediterranean-posidonia/>

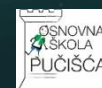
Notes by author ⓘ None



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