



## CONNECTING SEAS Italy - September 2020

### Lesson Plan Nº3

**Topic:** Sea in Danger

**Responsible Staff:** the Portuguese Team

**Target audience:** students and teachers of the project

#### Lesson Objectives:

- Understand the overexploration of Portuguese marine resources;
- Get to know the Portuguese Ocean Strategy 2013-2020 (NOS 2013-2020);
- Get to know the Portuguese conservation measures of coastal and marine ecosystems;
- Understand the fishing effort for the purpose of ensuring the sustainability of fishing and the communities living from it;
- Get to know some of the protected marine species guidelines for combating pollution of the maritime environment in Portugal;
- Get to know some of the protected marine species in Portugal;
- Get to know some of the Marine Protected Areas (MPAs) in Portugal mainland, Azores and Madeira;
- Get to know and understand the interconnection between ocean preservation and culture;
- Use and make the most of new technologies for the knowledge and deepening of scientific and cultural knowledge.

#### Lesson Structure:

Time	Introduction of Topic	Teaching Approaches
45-50 minutes	<p><b>“Protect and preserve the Portuguese sea”</b></p> <p>A - The preservation of marine biodiversity; fishing quotas (allocations) by the Fisheries Policy of the EU; protected areas and species; sustainable policies and resources; management and ecotourism</p> <p>B – Portuguese legislation concerning the pollution of the sea and the national organization to handle sea pollution occurrences.</p>	<p>PPT</p> <p>Videos</p> <p>Interaction teacher students</p>

Time	Main Contents	Teaching Approaches
	<p><b>Scientific area:</b></p> <p>A - The preservation of marine biodiversity; fishing quotas ( by the Fisheries Policy of the EU; protected areas and species; sustainable policies and resources; management and ecotourism</p> <p>B – Portuguese legislation concerning the pollution of the sea and the national organization to handle sea pollution occurrences.</p> <p><b>Cultural heritage:</b></p> <p>C: Work students 'guideline activity (Literature; Culture) <b>SG2</b></p> <p>D: Work students 'guideline activity (Folk culture and traditions; Art and Handicraft) <b>SG3</b></p>	<p><b>(SG)</b> Students' Work Guidelines</p> <p>Practical activities, information research</p>

Time	Practical activities	Teaching Approaches
<p><b>50 minutes</b></p>	<ul style="list-style-type: none"> <li>- constitution of <b>3 working groups of 5 students each</b>;</li> <li>- each group will work on <b>one of the 3 work guidelines</b>;</li> <li>- research and collection of information;</li> </ul> <p><b>SG1 – Content workpaper (scientific area)</b></p> <p>Data base: Information about pollution in our Exclusive Economic Zone (EEZ); fishing quotas, protected areas and marine reserves. Watching a video.</p>	<p>Guidelines for the students' activities</p> <p>Clarification of questions</p>

**Conclusion:** sharing and discussion of results with the group class

In the **final 20 minutes** the groups will energize the lesson through the sharing and discussion of results with the group class.

**Resources:** computers, overhead projector, speakers.

**Prepared by:** the Portuguese team

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