

TEACHING RESOURCE: SECONDARY SCHOOL (Age 11 - 16)

### **Lesson Summary**

Overfishing is emptying the ocean, illegal fishing is increasing and 90% of the fish populations are already overfished. In this lesson we will look at how illegal fishing vessels operate.



#### **Activities**

These activities are designed to enhance and expand on the key learnings from the IUU lesson. They can be used as part of the Lesson or assigned for research or projects.

# **English**

LEARNING SKILLS - Creative thinking, questioning, research, communicate, critical thinking, empathy, explanation, teamwork and global citizenship.

### **Activity 1**

Using information from IUU Lessons 1 - 4 debate, or write an essay, on the following topic:

"Should we end the demand for seafood?"

#### **Activity 2**

Imagine you are a poor worker who has found a job on an illegal fishing vessel, to earn money to support your family, but instead of a job with good income you find yourself trapped on the fishing vessel for years. Write a story of your life aboard the vessel, describe your emotions, talk about your conditions, the work, the ocean, marine wildlife and the other people aboard the ship.

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# Geography

LEARNING SKILLS - Understanding, questioning, research, communicate, critical thinking, analyse and explanation.

#### **Activity 1**

To understand why people work on fishing vessels, despite the risks and poor working conditions, research and prepare a report on one of the following countries: Philippines, Indonesia or Myanmar.

Research details on the country's location, population, environment, lifestyle and explain the reasons why workers would leave to find work on fishing vessels.



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# History

LEARNING SKILLS - Understanding, questioning, research, communicate, critical thinking and explanation.

### **Activity 1**

Research artisanal fishing in west Africa. Select a coastal country in West Africa and look at the history of the country, politics, different types of fishing used and main sources of food.

Write a report to share with the class outlining your findings and explain why protecting artisanal fishing is important.

### **Activity 2**

Investigate and write a report on the history of piracy off the African coast. What are the reasons why piracy started, why does it continue and who are targeted by the pirates? How does this link to the invasion of fishing fleets into African waters?



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#### Science

LEARNING SKILLS - Understanding, questioning, research, analyse, communicate, critical thinking and explanation.

#### **Activity 1**

When prosecuting illegal fishing operations law enforcement needs evidence: What evidence could be collected to identify an illegal fishing vessel and how could it be collected?

#### **Activity 2**

Research and discuss in class the following topic:

"How could the source of fish, in a transhipping vessel, be identified. Think about how you could identify fishing locations, species and the effects to the ecosystem."

### **Activity 3**

Analyse these fishing methods and identify the damage each could do to the environment and marine wildlife. Determine which would have the greater impact over the long term. Explain your answer and reasoning and what would be the impact:

- > Purse seine nets,
- > Gillnets.
- > Blast fishing, or
- > Bottom trawling.



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#### **Social Science**

LEARNING SKILLS - Understanding, questioning, research, communicate, critical thinking, empathy, explanation, advocate and global citizenship.

#### **Activity 1**

Write a news article advocating a reduction in the consumption of seafood, to help end slavery, protect coastal communities in Africa and other nations, and stop the overfishing of the ocean.

#### **Activity 2**

Research the issue of food security for West African countries and why coastal fishing is important. Write a report outlining your findings, including the impact of illegal fishing on these communities.

#### **Activity 3**

Illegal fishing is having a major impact on marine species, as well as local communities dependant on fishing as a source of food as well as income. If you were a lawmaker, what laws would you create to help stop illegal fishing?



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# Arts / Media

LEARNING SKILLS - Creative thinking, research, communicate, critical thinking, empathy, explanation, advocate and global citizenship.

### **Activity 1**

Design a poster or infographic to explain the illegal activities undertaken by a fishing vessel.

#### **Activity 2**

Design an artwork to explain the impacts of overfishing on marine species. You can use any media you choose - painting, sculpture, collage, video, graphic design.

#### YOUR FEEDBACK

We value your feedback and would be pleased to hear your thoughts about this lesson and activities. Any comments, suggestions or requests for further information can be sent to education@seashepherdglobal.org