SEA SHEPHERD CASE STUDY: OPERATION DRIFTNET

CASE STUDY GUIDE: PRIMARY SCHOOL (Age 8 – 11)

Case Study Summary

This Case Study connects with our Lesson Plans: Illegal, Unreported and Unregulated (IUU) Fishing 1-3. It focuses on our campaign Operation Driftnet.

This Case Study takes 15 minutes to complete.



Subjects relevant to

English, Geography, History, Math, Science and Social Science.

Learning objectives

- Understand the impacts of illegal fishing.
- Learn about driftnets and their impact.
- Learn about the illegal fishing fleets operating in the Indian Ocean.

Preparation

- This case study has been designed to supplement our main lessons. It can be stopped at any time should you wish to include your own discussion/questions or incorporate the lesson activities.
- Depending on whether students are working in a classroom or remotely, you can choose to discuss questions in the class or use the online learning app.
- This digital lesson has an interactive option called student devices. If you choose this option ask the students to bring their mobile phones or tablets to the lesson.
- Should you choose the interactive option, it will run a quiz during the lesson. Recommendation: only use this interactive option in classes of up to 30 students.
- Students can sign up on their mobile device to the www.LessonUp.app. They will be asked for a PIN code (this will appear automatically on slide 3 and will also show at the bottom of the screen). Students who sign up under a false name may be removed by the teacher.
- Students who do not have a mobile device can join the quiz with another student.
- If student devices is turned ON, you can opt to turn the sound and the share screen ON or OFF. Further on you can choose if you want to 'show ranking after each quiz' question. Doing so will create a competitive element, but it can be distracting. Recommendation: turn the 'show ranking after each quiz' OFF.
- The abovementioned options will also show if you click on the PIN code at the bottom of the screen.

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Lesson plan

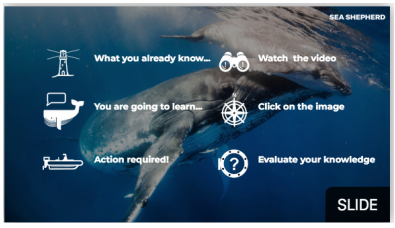
Slide 1 Introduction

This lesson is provided by Sea Shepherd. Sea Shepherd was founded in 1977 and is a marine conservation organisation working to protect the oceans and marine wildlife. Sea Shepherd works globally on a range of issues impacting the oceans, running numerous direct action campaigns each year. IUU is one area Sea Shepherd is working on to help stop marine life dying.



Slide 2 Lesson action icons

During the lesson we will use these icons to identify the learning actions.



Slide 3 Operation Driftnet

While patrolling in January 2016 for illegal fishing vessels the Sea Shepherd vessel the Steve Irwin came across a fleet of six vessels using driftnets.

Upon seeing the Steve Irwin the fleet abandoned its net and started to run. Driftnets were banned by a United Nations Moratorium in 1992, solely because of the destruction they wreak upon the oceans. Driftnets catch everything in their path, as a 100m deep wall of net floats just beneath the surface.



Slide 4 Retrieving the driftnet

The crew of the Steve got to see how destructive driftnets are when they collected 5 km of abandoned net and recovered 321 animals across 12 different species, including sharks, seals and dolphins that had drowned in the net, as well as the target species, the critically endangered Southern Bluefin Tuna and Albacore.

Show the video (4.51min), which shows the illegal vessels being located and the drfitnets being removed from the water.
https://www.youtube.com/watch?v=IM6xhglkgxs&list=PLx1pnhQVtbbAwmcMekiN8nz5ectOb_cV7&index=2



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Slide 5 Chasing poachers

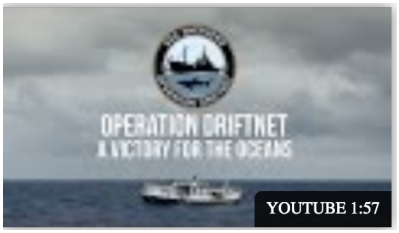
The Steve Irwin followed the Fu Yuan Yu illegal drift-netting fleet back to China, collecting and documenting evidence on their operations, which was then handed over to Chinese authorities.



Show the video (1.50 min), which shows the Steve Irwin documenting and following the illegal vessel.
https://www.youtube.com/watch?v=HYNa6GKuUb4&list=PLx1pnhQVtbbAwmcMekiN8nz5ectOb_cV7&index=1

Slide 6 Prosecuting poachers

Chinese authorities conducted an investigation of the fleet and determined that they had been operating illegally.

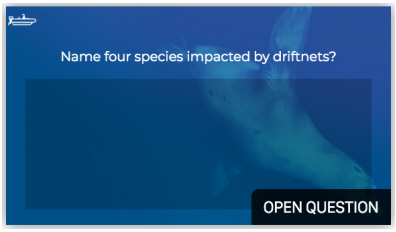


The licenses of all vessels owned by the company behind this fleet of 6 were suspended, the Fu Yuan Yu fleet is to remain in port, the captains of the vessels had their certificates as Masters (captains) revoked and each vessel was issued with a fine.

Show the video (1.56 min), which provides a summary of the outcome of this campaign with the illegal vessels being prosecuted by the Chinese government.
https://www.youtube.com/watch?v=Jy01JNh4IrY&list=PLx1pnhQVtbbAwmcMekiN8nz5ectOb_cV7&index=6

Slide 7 Question

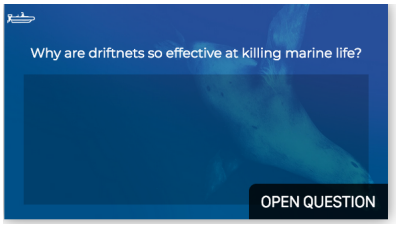
Ask students to complete their answers to the following question using the www.LessonUp.app or discuss in classroom.



"Name four species impacted by driftnets?"

Slide 8 Question

Ask students to complete their answers to the following question using the www.LessonUp.app or discuss in classroom.



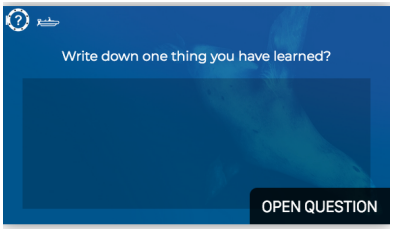
"Why are driftnets so effective at killing marine wildlife?"

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Slide 9 What did you learn?

Ask students to answer the following question using www.LessonUp.app or discuss in the classroom.

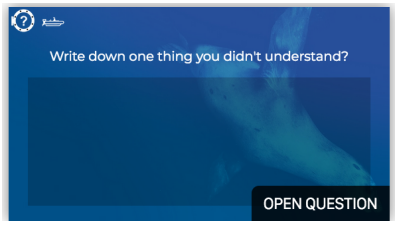
"Write down one things you have learned?"



Slide 10 What don't you understand?

Ask students to answer the following question using www.LessonUp.app or discuss in the classroom.

"Write down one thing you didn't understand?"



Slide 11 Close



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.

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