

the Water Brothers EPISODE GUIDE QUESTIONS

LAST HOME *of the*

GIANTS



1. Name three marine animals found in waters around Cocos Island.
2. In what country is Cocos Island?
3. Are there marine animals around Cocos Island that are caught illegally?
4. How do giant predatory fish help maintain the overall balance and health of marine ecosystems?
5. True or False: Costa Rica has become one of the world's largest suppliers of shark fins.
6. How many sharks are killed each year?
7. Why are sharks being caught and finned?
8. Each year, 100,000 to 200,000 of which marine animal is caught unintentionally by long line boats in Costa Rica?
9. True or False: The impacts of declining shark populations do not affect the entire food web.
10. Why did The Water Brothers go scuba diving at night in Costa Rica?
11. What is bycatch? Give an example of a fishing method that produces bycatch.
12. True or False: A long line that is 20 miles long can have 800 to 1000 hooks.

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- 1. Name three marine animals found in waters around Cocos Island.** Sharks, turtles and tuna are found in the waters around Cocos Island.
- 2. In what country is Cocos Island?** Cocos Island is in Costa Rica.
- 3. Are there marine animals around Cocos Island that are caught illegally?** Yes.
- 4. How do giant predatory fish help maintain the overall balance and health of marine ecosystems?** Giant predatory fish help maintain the overall balance and health of marine ecosystems by eating/culling the weakest prey.
- 5. True or False: Costa Rica has become one of the world's largest suppliers of shark fins.** True.
- 6. How many sharks are killed each year?** 100 million sharks are killed each year.
- 7. Why are sharks being caught and finned?** Sharks are being caught and finned for an Asian dish called Shark Fin Soup.
- 8. Each year, 100,000 to 200,000 of which marine animal is caught unintentionally by long line boats in Costa Rica?** 100,000 to 200,000 turtles are caught each year by long line boats in Costa Rica.
- 9. True or False: The impacts of declining shark populations do not affect the entire food web.** False. The impacts of declining shark populations affect the entire food web.
- 10. Why did The Water Brothers go scuba diving at night in Costa Rica?** The Water Brothers went scuba diving at night because this is when many big sharks come out to hunt.
- 11. What is bycatch? Give an example of a fishing method that produces bycatch.** Bycatch is marine animals that are unintentionally caught while fishing. Surface long lining is an example of a fishing method that catches huge amounts of bycatch, unintentionally killing countless fish, seabirds and sea turtles.
- 12. True or False: A long line that is 20 miles long can have 800 to 1000 hooks.** True.

the Water Brothers EPISODE GUIDE ACTIVITIES

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GIANTS



Cocos Island

- <http://whc.unesco.org/en/list/820>
- <http://adventure.nationalgeographic.com/adventure/trips/bucket-list/dive-cocos-costa-rica/>

Marine Ecosystems

- <http://worldoceanreview.com/en/wor-1/marine-ecosystem/biodiversity/>
- <http://www.britannica.com/science/marine-ecosystem>
- <http://www.defenders.org/marine/basic-facts>

Shark Finning

- <http://www.sharkwater.com/index.php/shark-education/>
- <http://www.sharkproject.org/en/>

Bycatch

- <http://www.worldwildlife.org/threats/bycatch>
- <http://oceana.org/our-campaigns/bycatch/campaign>