



NEWSHOUR

A NewsHour with Jim Lehrer special for students

EXTRA

LESSON PLAN: **Stopping the Demise of the World's Coral Reefs**

Names: _____

Date: _____

Reef Scavenger Hunt Worksheet

Directions: Using information from the website “Coral Reef Adventure” found at <http://www.coralfilm.com/scien.html>, find answers to all of the following questions.

1. What are the two types of coral?
2. What is the name of the largest reef in the world, and where is it located?
3. What is it called when two different organisms each benefit from living closely together?
4. Why are coral reefs important to the entire ocean ecosystem?
5. In what ways are coral reefs essential for humans? Give 3 examples.
6. Coral reefs face problems from both man and nature. While naturally occurring events such as hurricanes cannot be avoided, many of the threats posed by man can. List 3 manmade threats faced by coral reefs.
7. When the temperature of the ocean water rises, it puts stress on coral. In response to this stress, corals expel the algae that live inside the coral polyps. What is this process called and why is it dangerous to coral?

8. Because of global warming, the ice caps are melting and increasing the depth of the ocean. How does this harm coral reefs?

9. How can tourism have a negative impact on coral reefs? List 2 ways.

10. Much medical and scientific research is being done to extract chemicals and medicines from various inhabitants of coral reefs, including coral. List 3 products or medications currently being tested and developed from coral.