

## Science Time

### Program Content for June 22, 2016

Read the article “Scientists dive into battle to save world’s coral reefs” on page A4 of the Monday, June 20, 2016 edition of The Seattle Times.

**Pre-reading and Vocabulary:** Define each term and then use it in a sentence to demonstrate your understanding.

1. Coral
2. Ecosystem
3. Bleaching
4. Restoration
5. Conservation

### **Comprehension Questions**

1. What has happened to coral reefs as a result of the most powerful El Nino on record?
2. What is the purpose of the International Coral Reef Symposium?
3. What does the scientific community need to make clear?
4. How have scientists achieved some success in reef conservation?
5. What is one drawback to the success achieved in #4?
6. What are three very clear problems that have contributed to destroying reef ecosystems?
7. Why is the reef ecosystem an essential component of everyday human existence?
8. Describe one of the projects that researchers at University of Hawaii’s Institute of Marine Biology have been doing to help save reefs.
9. How are the species of coral in Hawaii unlike other corals around the world?
10. What new technique is NASA’S Jet Propulsion Laboratory using to gather data on coral reefs?

### **Prompts and Extensions**

1. Explore 360 views of the Great Barrier Reef by using google maps [here](#). What is the significance of this reef? Why is it important?
  - o Also you can watch [this video](#) about scientists that are researching the effects of climate change on the great barrier reef.
2. Visit National Oceanic and Atmospheric Administration (NOAA) to learn more about Coral Ecosystems [here](#). Specifically, you can link to this [virtual visit](#) to explore the Northwestern Hawaiian Islands and learn more about the coral reefs in this area. How do these reefs compare with the Great Barrier Reef?

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