



Bibliography

LESSON 1: CORAL, CARBON DIOXIDE AND CALCIFICATION

Web sites

- Buchheim, Jason. "Coral Reef Bleaching."
Odyssey Expeditions - Tropical Marine Biology Voyages! 1998. 05 Mar. 2009
<<http://www.marinebiology.org/coralbleaching.htm>>.
- "NOAA National Ocean Service Education: Corals."
NOAA's National Ocean Service. 25 Mar. 2008. 05 Mar. 2009
<http://oceanservice.noaa.gov/education/kits/corals/coral05_distribution.html>.

Journal Articles

- Glynn P.W. "Coral reef bleaching: facts, hypotheses and implications."
Biology 2 (1996): 495-509.
- Kleypas, J.A., R.A. Feely, V.J. Fabry, C. Langdon, C.L. Sabine, and L.L. Robbins, Impacts of Ocean Acidification on Coral Reefs and Other Marine Calcifiers: A Guide for Future Research, report of a workshop held 18–20 April 2005, St. Petersburg, FL, sponsored by NSF, NOAA, and the U.S. Geological Survey. 2006. 05 Mar. 2009
<http://www.ucar.edu/communications/Final_acidification.pdf>
- United Kingdom. The Royal Society. Ocean acidification due to increased atmospheric carbon dioxide. June 2005. The Royal Society. 05 Mar. 2009
<<http://www.jncc.gov.uk/page-4003>>

LESSON 2: INQUIRY INTO OCEAN ACIDIFICATION

Books

- Pilson, Michael E. Q., 1998, An Introduction to the Chemistry of the Sea, Upper Saddle River: Prentice Hall, Inc.

Journal Articles

- Brahic, Catherine. "Fish 'an ally' against climate change."
New Scientist 13. 16 Jan. 2009. 5 Apr. 2009
<<http://www.newscientist.com/article/dn16432-fish-an-ally-against-climate-change.html>>.
- R. W. Wilson, F. J. Millero, J. R. Taylor, P. J. Walsh, V. Christensen, S. Jennings, and M. Grosell. "Contribution of Fish to the Marine Inorganic Carbon Cycle."
Science 16 January (2009): 359-62.
- United Kingdom. The Royal Society. Ocean acidification due to increased atmospheric carbon dioxide. June 2005. The Royal Society. 05 Mar. 2009
<<http://www.jncc.gov.uk/page-4003>>.



Other Curriculum

Experiencing chemistry museum manual. Portland, OR: Oregon Museum of Science and Industry, 1997.

LESSON 3: OCEAN CURRENTS AND MARINE DEBRIS

Books

Littlefield, Cindy. *Awesome Ocean Science: Investigating the Secrets of the Underwater World*. Charlotte, VT: Williamson, 2003.

Web sites

NOAA Marine Debris Program. 06 Mar. 2009 <<http://marinedebris.noaa.gov/>>.

NOAA. "Marine Debris." Aug. 2008. 05 Mar. 2009 <www.noaa.gov/factsheets/new%20version/marine_debris.pdf>.

Plastic Debris Rivers to Sea Project. 06 Mar. 2009 <<http://www.plasticdebris.org/>>.

LESSON 4: AEROSOLS AND CLOUDS

Web sites

Aerosols: More Than Meets the Eye - FS-2005-9-072-GSFC. Sept. 2005. NASA. 05 Mar. 2009 <http://eosps0.gsfc.nasa.gov/ftp_docs/NASA-Facts-Aerosols.pdf>.

Other Curriculum

"A Structured-Inquiry Activity." "NASA - Meteorology: An Educator's Resource for Inquiry-Based Learning for Grades 5-9." NASA. 06 Mar. 2009 <<http://www.nasa.gov/centers/langley/science/met-guide.html>>.

"How Clouds Form: Understanding the Basic Principles of Precipitation." *Meteorology: An Educator's Resource for Inquiry-Based Learning for Grades 5-9*, Chapter 12. <<http://www.nasa.gov/centers/langley/science/met-guide.html>>.

LESSON 5: SNAPPING SHRIMP

Web sites

"A new goby-shrimp-association from the eastern Atlantic - by Peter Wirtz." *Explore Biodiversity: Tree of Life Science Media Project*. 05 Mar. 2009 <<http://www.explorebiodiversity.com/Hawaii/Shrimp-goby/general/Grundel-Krebs.htm>>.



Books

“High-Frequency Underwater Sound.” Encyclopedia of Electrical and Electronics Engineering. Ed. J. Webster. John Wiley & Sons, Inc., 2007.

Individuals

Peter Dahl, Ph.D., Applied Physics Laboratory, University of Washington, Seattle, WA, USA

LESSON 6: SUSTAINABLE FISHERIES

Books

Fletcher, W. J., J. Chesson, M. Fisher, K. J. Sainsbury, T. Hundloe, A.D.M. Whitworth, and B. Whitworth. National ESD Reporting Framework for Australian Fisheries: The ‘How To’ Guide for Wild Capture Fisheries. Canberra, Australia: FRDC Project 2000/145, 2002.

Web sites

Environmental Defense Fund. “Catch Shares Reduce Overfishing Worldwide.” <http://www.edf.org/documents/8830_EDF-WorldOceanMap2008.pdf>.

“FAO Fisheries Glossary.”
<<http://www.fao.org/fi/glossary/default.asp>>.

The WorldFish Center. “Fish for All.” 2008.
<<http://www.worldfishcenter.org/wfcms/HQ/article.aspx?ID=188>>.

Journal Articles

Christopher Costello, Steven D. Gaines, John Lynham. “Can Catch Shares Prevent Fisheries Collapse?”. *Science* 19 September (2008). <<http://www.sciencemag.org/cgi/content/abstract/321/5896/1678?siteid=sci&ijkey=TnQVpSQytsFgY&keytype=ref>>.

Other Curriculum

“Marine Fisheries & Aquaculture Series: Do You Know What Fish You’re Eating?” PBS. 05 Mar. 2009 <<http://www.pbs.org/emptyoceans/educators/activities/docs/Activity-Know-the-Fish.pdf>>.

“Fishing for the Future.” *Facing the Future: People and the Planet*. 2006. *Facing the Future*. (used with permission). Adapted from “Fishing with Jim” by teachers Jim Hartmann and Ben Smith. 05 Mar. 2009 <<http://www.facingthefuture.org>>.

Marine Stewardship Council. “Fishing.” 2006-2008.
<http://www.fishandkids.org/resources/3_fishing.pdf>.