

CRAFT IN AMERICA

A TREASURE IN THE SEA EDUCATION GUIDE

FURTHER INFORMATION

- Craft in America SCIENCE episode, craftinamerica.org/episode/science, Joan Takayama-Ogawa's segment, and Craft in America's website, craftinamerica.org
*Note: The beginning of Joan's segment has powerful imagery of natural disasters that are appropriate to the topic but may be unsettling for the youngest students; in that case you could begin the segment at about a minute into her segment.
- Joan Takayama-Ogawa's website, joantakayamaogawa.com
- Images of Joan Takayama-Ogawa's work from the [Craft in America website](#) and the video, particularly her colorful oil-spill filled teacups, sushi tray with oil derricks and vehicles, and the bleached white coral pieces (*Tipping Point, America's Crude Awakening, Hope for a Cure, Crying Coral, Water Warrior*).
- Images of coral and coral reefs, and diagrams of coral polyps and zooxanthellae for reference in class. Gather books from the library that feature sea life including colorful imagery of coral reefs, seaweed, fish, sea turtles, etc.
- You can find and incorporate a game-like activity that demonstrates coral bleaching for students to play at this NASA website, climatekids.nasa.gov/coral-bleaching.
- The NOAA website has useful information that can help you explain the mutually beneficial relationship between coral polyps and zooxanthellae in more detail. (For example, use this information with Worksheet 2.)
oceanservice.noaa.gov/education/tutorial_corals/coral02_zooxanthellae.html
- This poster explaining coral bleaching for use in the classroom,
oceanservice.noaa.gov/facts/coral_bleach.html
- This downloadable guide to coral reefs with images of colorful coral, vocabulary, and activities for students, coral.org/en/blog/kids-guide-to-coral-reef-conservation