

Science Story Adventures



Sharks

Learning outcomes

- » Students know how to infer what animals eat by the shape of their teeth. (Grade 1 - Life Sciences)
- » Students know that organisms reproduce offspring of their own kind and that the offspring resemble their parents and one another. (Grade 2 - Life Sciences)
- » Students know that some kinds of organisms that once lived on Earth have completely disappeared and that some of those resembled others that are alive today. (Grade 3 - Life Sciences)

From: California's Science Content Standards

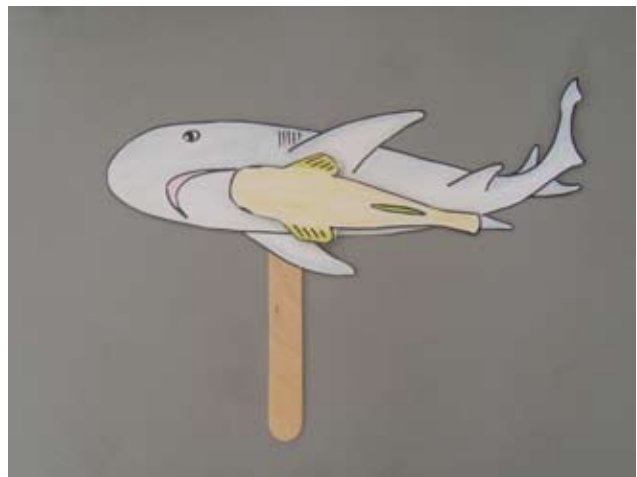
Books we read

Little Shark by Anne Rockwell
Gilbert the Great by Jane Clarke

Activities we did

- » We took a shark challenge, deciding whether or not certain facts about sharks were true or false. (Adapted from <http://www.sharks.org/teachers/1-Amazing%20Shark%20Facts.pdf>)
- » We examined shark teeth and jaws and talked about how different sharks have different types of teeth, which influence what types of things they eat.
- » We looked at shark egg cases and talked about the different ways that sharks reproduce.
- » We learned about shark skin and felt a preserved shark's skin.
- » We learned about the relationship between remoras and sharks and looked at remora specimens.

Today's craft: Shark and Remora Puppet



You will need:

- » Shark and Remora template (included)
- » Cardstock
- » Crayons or colored pencils
- » Scissors
- » Glue
- » Small Velcro circles
- » Craft stick
- » Scotch tape (optional)

Directions:

1. Print out the Shark and Remora template on cardstock.
2. Color the shark and the remora. Then, cut them both out. With the remora, be sure to leave the two sides attached at the fin.
3. Fold the remora along the fin so that you have a top and a bottom to your remora. Glue these together.
4. Place one side of a Velcro circle anywhere you want on your shark. Place the other side on the suction part of the remora.
5. Glue or tape the craft stick to the back of the shark.

Want to find out more?

Here is a selection of further resources to explore in the Naturalist Center, in the public library or at home. Please ask if you can't find what you're looking for.

Books

The Life Cycle of a Shark by John Crossingham and Bonnie Kalman. Nat. Ctr. Juv. QL638.9 .C767 2006

El Ciclo de Vida del Tiburón by John Crossingham and Bonnie Kalman. Nat. Ctr. Juv. QL638.9 .C767 2007*

Follow the stages of life of sharks from birth to death. Includes information about why sharks are important to ocean ecosystems and how to help protect them.

Punia and the King of the Sharks adapted by Lee Wardlaw. Nat. Ctr. Juv. PZ8.1 .W215 Pu 1997

A Hawaiian folktale that tells of how Punia outsmarted the King of the Sharks so that the people of his village could once again feast on lobster. Includes a glossary and pronunciation guide for the Hawaiian words sprinkled throughout the story.

Sharkabet: A Sea of Sharks from A to Z by Ray Troll. Nat. Ctr. Juv. QL638.9 .T76 2002

Explore the diversity of sharks with this playful alphabet book.

Surprising Sharks by Nicola Davies. Nat. Ctr. Juv. QL638.9 .D38 2008

Engaging text and cartoonish pictures introduce readers to the world of sharks. Includes a read along CD.

Tiburones Fabulosos by Seymour Simon. Nat. Ctr. Juv. QL638.9 .S556 2006*

Colorful photos accompany simple text (in Spanish) about all the fantastic features of sharks.

**Libro en español*

DVDs

Deep Sea Dive. Nat. Ctr. Media QL122.2 .D44 2005
Explore the many creatures of the sea, including great white sharks

Life. Nat. Ctr. Media QH501 .L55 2010 pt. 2

The *Fish* episode from this series about the amazing biodiversity found throughout the world highlights different species of sharks.

Websites

Ichthyology at the Florida Museum of Natural History: Shark Awareness Education

Explore the world of sharks with lesson plans, coloring sheets, puzzles and shark trivia quizzes.

<http://www.flmnh.ufl.edu/fish/sharks/education/education.html>

National Geographic Kids Creature Feature: Great White Shark

Get up close with great white sharks through videos, photos and fun facts. Also includes links to pages about hammerhead, sand tiger and bull sharks.

<http://kids.nationalgeographic.com/kids/animals/creaturefeature/great-white-shark/>

Shark Research Institute Educates

The Institute's educational pages include spotlights on kids who are working to protect sharks, lesson plans and games.

<http://www.sharks.org/educational-materials.html>



Shark and Remora