

Science Story Adventures



Frogs & Toads

Learning outcomes

» Students know the sequential stages of life cycles are different for different animals, such as butterflies, frogs, and mice. (Grade 2 – 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 different plants and animals inhabit different kinds of environments and have external features that help them thrive in different kinds of places. (Grade 1 – Life sciences)

From: California's Science Content Standards

Books we read

Growing Frogs by Vivian French

Red-Eyed Tree Frog by Joy Cowley

Activities we did

» We listened to different frog calls from the following website: <http://animaldiversity.ummz.umich.edu/site/topics/frogCalls.html>

» We examined frog and toad specimens and talked about the differences and similarities between the two.

Today's craft: Frog Finger Puppet



You will need:

- » Frog puppet template (included)
- » Tacky glue
- » Googly eyes
- » Green, yellow, orange or tan felt
- » Black markers
- » Scissors

Directions:

1. Print out the frog puppet template and cut out the pieces. Use them to trace the parts on the felt and cut them out.
2. Glue the two frog body pieces together along three sides; leave an opening on one of the shorter ends for your finger.
3. Glue the frog feet to the bottom of the body on the front.
4. Glue the googly eyes to the body towards the top. You can cut a small divot in between the eyes if you want.
5. Draw a mouth and nostrils on the frog using the black marker.

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

Cómo Crece un Renacuajo por Pam Zollman. Nat. Ctr. Juv. QL668 .E2 Z6518 2008

Captivating photos and clear text takes readers through the life cycle of a frog.

Dig, Wait, Listen: A Desert Toad's Tale by April Pulley Sayre. Nat. Ctr. Juv. QL668 .E227 S29 2001

Skitter, scratch! Tap, tap, tap! Crunch, crunch, crunch! A desert toad hears various sounds while buried underground waiting for the rain to come and new life to begin.

Frog by Kim Taylor and Jane Burton Nat. Ctr. Juv. QL668.E2 T24 1991

Color photos and simple text trace a frog's life from egg to adult.

Frog Girl by Paul Owen Lewis. Nat. Ctr. Juv. PZ7.L5876 Fr 1999

The story of a girl who tries to find a lake's missing frogs, told in the tradition of Pacific Northwest mythology.

Frogs by Nic Bishops. Nat. Ctr. Juv. QL668.E2 B51 2008

Amazing photos and informative text introduce readers to the variety of frogs and toads found in the world, from big to small, smooth-skinned to warty, and even ones with see-through skin.

Frogs! by the editors of Time for Kids Nat. Ctr. Juv. QL668.E2 F76 2006

Fun facts about frogs, including details on anatomy, diet and defense strategies.

Jump, frog, jump! by Robert Kalan Nat. Ctr. Juv. PZ7.K123 Ju 1995

Younger children may enjoy this picture book about how a frog catches food and escapes being caught herself.

DVDs

It's a Big, Big World. Investigate Your World. Nat. Ctr. Media QH48 .I87 2007

In the episode "Not Found Here," the characters try to discover what has become of their missing tadpole friend.

Totally Tropical Rain Forest. Nat. Ctr. Media QH541.5.R27 .T67 2005

This DVD explores different rain forest animals, including colorful poison-arrow frogs.

Websites

California Red-legged Frog

Fish & Wildlife office's kid-friendly species account, including information on habitat and conservation.

http://www.fws.gov/sacramento/es/animal_spp_acct/CA_red_legged_frog_kf.htm

Frogland!

A cornucopia of frog information, including activities, care sheets, art and news.

<http://allaboutfrogs.org/>

Frogs

Activities, stories and online exhibits developed by the Exploratorium.

<http://www.exploratorium.edu/frogs/>

Frogs: A Chorus of Colors

Information, sounds, activities and even a frog cam are all part of the online component of the American Museum of Natural History's frog exhibit.

<http://www.amnh.org/exhibitions/frogs/>

Frog Puppet Template

