

# Science Story Adventures



## Bats

### Learning outcomes

- » Students know different animals inhabit different kinds of environments and have external features that help them thrive in different kinds of places. (Life sciences, Grade 1)
- » Students know animals eat plants or other animals for food and may also use plants or even other animals for shelter and nesting. (Life sciences, Grade 1)
- » Plants and animals have predictable life cycles. (Life sciences, Grade 2).
- » Students know plants and animals have structures that serve different functions in growth, survival and reproduction. (Life sciences, Grade 3).
- » Students know examples of diverse life forms in different environments. (Life sciences, Grade 3).

From: California's Science Content Standards

### Books we read

- » Stلالuna by Janell Cannon
- » Bats at the library by Brian Lies

### Activities we did

- » Played an echolocation game from More Science through Children's Literature by Carol M. Butzow and John W. Butzow.
- » Examined a bat skeleton

### Today's craft Paper Bag Bat Puppets



### You will need:

- » Black construction paper
- » Crayons
- » Puppet template
- » Elmer's glue
- » Scissors
- » Pencils

### Directions:

1. Color the parts of the template.
2. Cut out the pieces.
3. Glue tongue under bottom flap, face on top of bottom flap, wings in folds at the side, and feet and tail on the bottom.

# 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

Bats by Michael George. Nat. Ctr. Juv. QL737 .C5 G296 2006

Discusses the physical characteristics, behavior, habitat, and life cycle of bats in simple question and answer format.

Little Lost Bat by Sandra Markle. Nat. Ctr. Juv. QL737 .C54 M37 2006

The story of what happens to a baby Mexican free-tailed bat whose mother doesn't return from her daily hunting trip.

What is a Bat? by Bobbie Kalman. Nat. Ctr. Juv. QL737 .C5 K25 1999

Describes the various types of bats and discusses their physiology, feeding, roosting, reproduction, echolocation abilities, and other behaviors.

Zippering, Zapping, Zooming Bats By Ann Earle. Nat. Ctr. Juv. QL737 .C5 E27 1995

Explains all the bat basics--where they live, how mothers raise their pups, and how they hunt for food.

## DVDs

The Magic School Bus Creepy Crawly Fun. Nat. Ctr. Media QC225.5 .M34 2009

Join the Magic School Bus gang as they learn about the many behaviors of bats.

## Websites

Kidz Cave

<http://www.batcon.org/index.php/all-about-bats/kidz-cave.html>

This site includes bat facts, videos, pictures, and bat trivia, including quizzes and puzzles.

Defenders of Wildlife: Bats

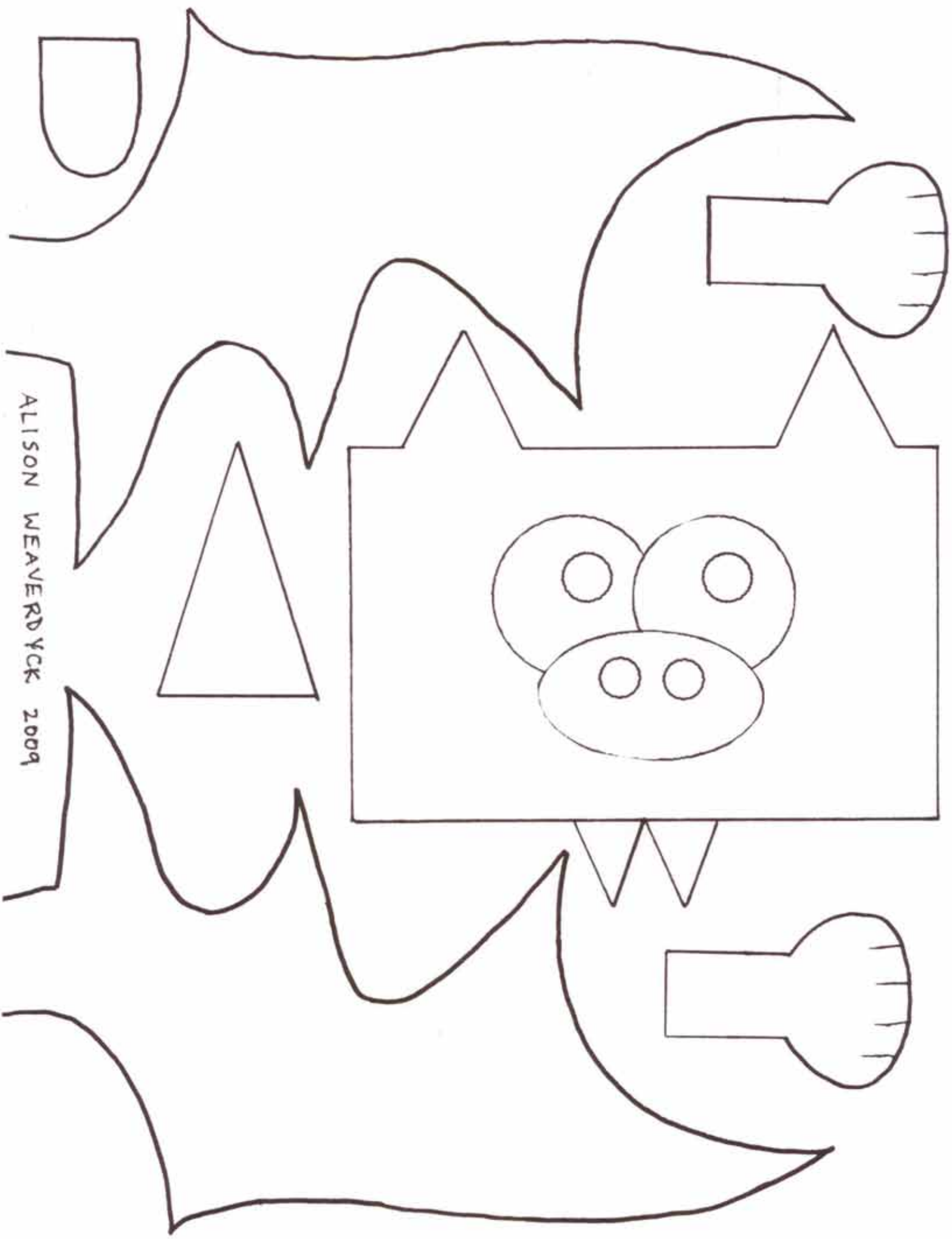
[http://www.defenders.org/wildlife\\_and\\_habitat/wildlife/bats.php](http://www.defenders.org/wildlife_and_habitat/wildlife/bats.php)

General information about the ecology and habitat of bats.

Bat World Sanctuary

<http://www.batworld.org/main/main.html>

This website from Mineral Wells, Texas has a plethora of facts about bats, including sanctuary and rehabilitation information.



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